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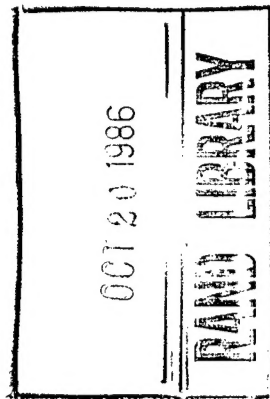
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Directorate of
Intelligence

Handbook of Economic Statistics, 1986

A Reference Aid

*Research for this report was completed
on 1 August 1986.*

CPAS 86-10002
September 1986

Handbook of Economic Statistics, 1986

Purpose and Scope

The *Handbook of Economic Statistics, 1986*, provides statistics for selected non-Communist countries and all the Communist countries.

In general, the data in the *Handbook* are for 1960, 1970, 1975, and 1980-85. Data for the Communist and non-Communist countries have been adjusted, when necessary, to achieve comparability and therefore may differ from data presented in the original sources. Footnotes have been used liberally to give definitions, exceptions, and methodology. The base year for average annual rates of growth is the year prior to the stated period.

Rounding of the Totals

The totals have been rounded, with some exceptions, to three significant digits. Because of rounding, components may not add to the totals shown. Totals are not presented if missing data are believed to represent a significant part of the total. In general, zeros appearing after the last nonzero number following the decimal point are not significant but are used merely for consistency in presentation.

Symbols

The abbreviation NA (*not available*) is used when information about the existence of the data or the magnitude of the data is not available, and the abbreviation NEGL (*negligible*) is used when the magnitude of the data is less than one-half of the final unit employed for each table.

Sources

The data given for the most recent years are frequently preliminary and subject to revision. The data for the Communist countries are official data from the country cited, CIA estimates, or estimates made by other organizations. The data for the non-Communist countries are from publications of the United Nations, the Organization for Economic Cooperation and Development (OECD), publications of US Government agencies, unclassified publications of other international organizations or individual countries, or are estimates of this Office.

Terms

Unless otherwise indicated, the term *Communist Countries* includes the USSR, the countries of Eastern Europe, China, Albania, Cambodia, Cuba, Laos, North Korea, Vietnam, and Yugoslavia; the term *Eastern Europe* includes Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, and Romania. The term *European Community* includes Belgium, Denmark, France, Greece, Ireland, Italy, Luxembourg, the Netherlands, the United Kingdom, and West Germany. The term *developed countries* includes the European Community, Austria, Finland, Iceland, Israel, Liechtenstein, Portugal, Malta, Norway, Spain, Sweden, Switzerland, Turkey, Australia, Canada, Japan, New Zealand, the Republic of South Africa, and the United States. The term *Organization for Economic Cooperation and Development (OECD)* includes all the developed countries, except Liechtenstein, Malta, Israel, and the Republic of South Africa.

The Big Six includes Canada, France, Italy, Japan, the United Kingdom, and West Germany. The Big Seven includes the United States and the Big Six.

Except for economic aid data, the term *less developed countries* includes the following:

- All independent countries of Africa except the Republic of South Africa.
 - All independent countries of East Asia except Japan.
 - All independent countries in Latin America except Cuba.
 - All independent countries in the Middle East and South Asia, except Israel and Turkey.
- Except for Cyprus, no country in either Eastern or Western Europe is in the LDC grouping. Except for Hong Kong, no territory that is a possession, trust, or protectorate is included in the LDC grouping.

The definition of *less developed countries* for economic aid conforms to that used by the Development Assistance Committee (DAC) of the OECD and other aid agencies and includes the following non-Communist countries:

- All independent countries of Africa except the Republic of South Africa.
- All countries of East Asia except Hong Kong and Japan.
- Malta, Portugal, and Spain in Europe.
- All independent countries in Latin America, except Cuba.
- All countries in the Middle East and South Asia.

Totals for the country groupings may or may not include all of the countries listed above, depending on the commodity or services listed.

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Figure 1

Gross National Product Per Capita, 1985 (in 1985 US \$)

More than \$10,000

Bahrain
Bermuda
Brunei
Canada
Denmark
East Germany
Finland
Greenland
Japan
Kuwait
Liechtenstein
Nauru
Norway
Qatar
Saudi Arabia
Sweden
Switzerland
United Arab Emirates
United States
West Germany

\$5,001 to \$10,000

American Samoa
Australia
Austria
Belgium
British Virgin Islands
Bulgaria
Czechoslovakia
Faroe Islands
France
French Polynesia
Guam
Hungary
Iceland
Ireland
Israel
Italy
Libya
Luxembourg
Monaco
Netherlands
New Caledonia
New Zealand
Oman
Poland
Romania
Singapore
Trinidad and Tobago
United Kingdom
USSR
Virgin Islands (US)
Yugoslavia

\$1,001 to \$5,000

Algeria
Andorra
Antigua and Barbuda
Argentina
Bahamas, The
Barbados
Belize
Brazil
Chile
China-Taiwan
Congo
Cook Islands
Costa Rica
Cuba
Cyprus
Djibouti
Dominica
Dominican Republic
Ecuador
Falkland Islands
Fiji
French Guiana
Gabon
Gibraltar
Greece
Grenada
Guadeloupe
Guatemala
Hong Kong
Iran
Iraq
Jamaica
Jordan
Macau
Malta
Martinique
Mauritius
Mexico
Mongolia
Montserrat
Netherlands Antilles
North Korea
Panama
Paraguay
Puerto Rico
Reunion
St. Christopher and Nevis
St. Lucia
San Marino
Seychelles
South Africa
South Korea
Spain
Suriname
Syria
Tunisia
Turkey
Uruguay
Venezuela

\$401 to \$1,000

Albania
Angola
Anguilla
Bolivia
Botswana
Cameroon
Colombia
Egypt
El Salvador
Equatorial Guinea
Guyana
Honduras
Indonesia
Ivory Coast
Lebanon
Lesotho
Liberia
Maldives
Malaysia
Marshall Islands
Mauritania
Morocco
Namibia
Nicaragua
Nigeria
Papua New Guinea
Paraguay
Peru
Philippines
St. Vincent and the Grenadines
Solomon Islands
Sri Lanka
Swaziland
Thailand
Tonga
Turks and Caicos Islands

Less than \$401

Afghanistan
Bangladesh
Benin
Bhutan
Burkina
Burma
Burundi
Cambodia
Cape Verde
Central African Republic
Chad
China-Mainland
Comoros
Ethiopia
Gambia, The
Ghana
Guinea
Guinea-Bissau
Haiti
India
Kenya
Kiribati
Laos
Madagascar
Malawi
Mali
Mozambique
Nepal
Niger
Pakistan
Rwanda
Sao Tome and Principe
Senegal
Sierra Leone
Somalia
Sudan
Tanzania
Togo
Uganda
Vietnam
Western Sahara
Zaire
Zimbabwe



The United States Government has not recognized the Soviet Union's claim to the Baltic States and its claim to the Soviet Union. Other boundary representation is not necessarily authoritative.



Figure 2
World Gross National Product and Population, 1985

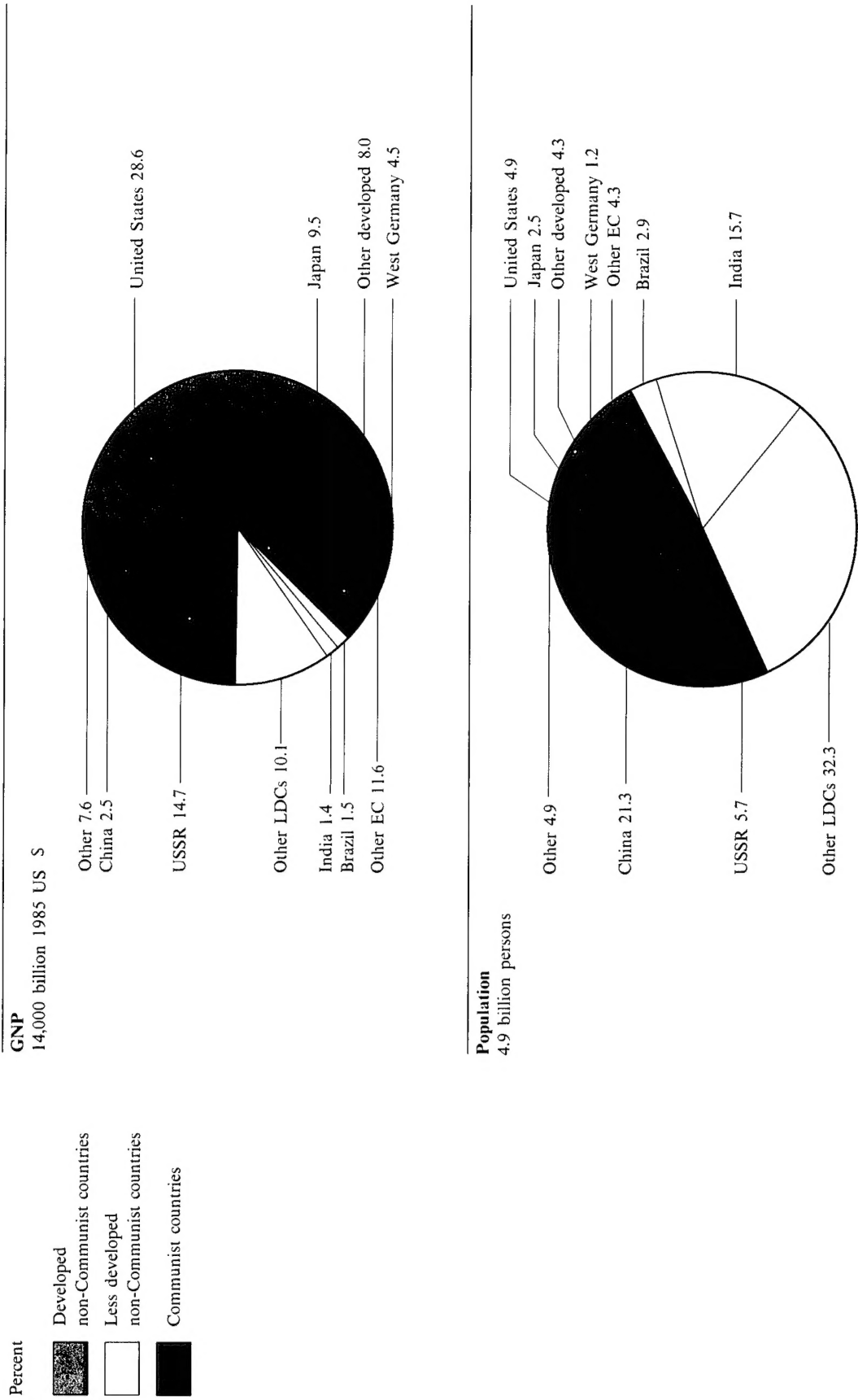


Figure 3
Real Gross National Product Trends

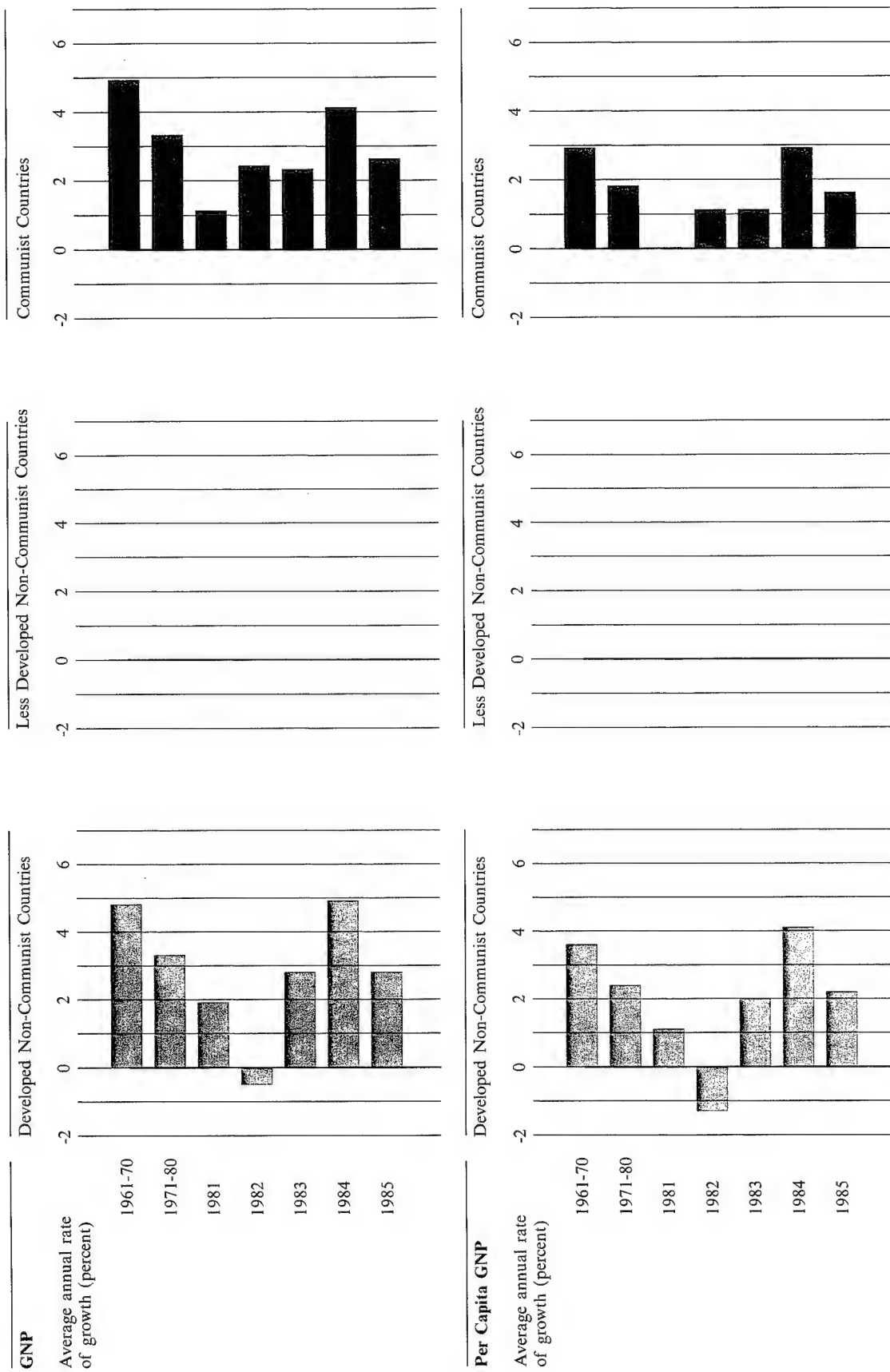


Figure 4
Real Gross National Product Comparisons

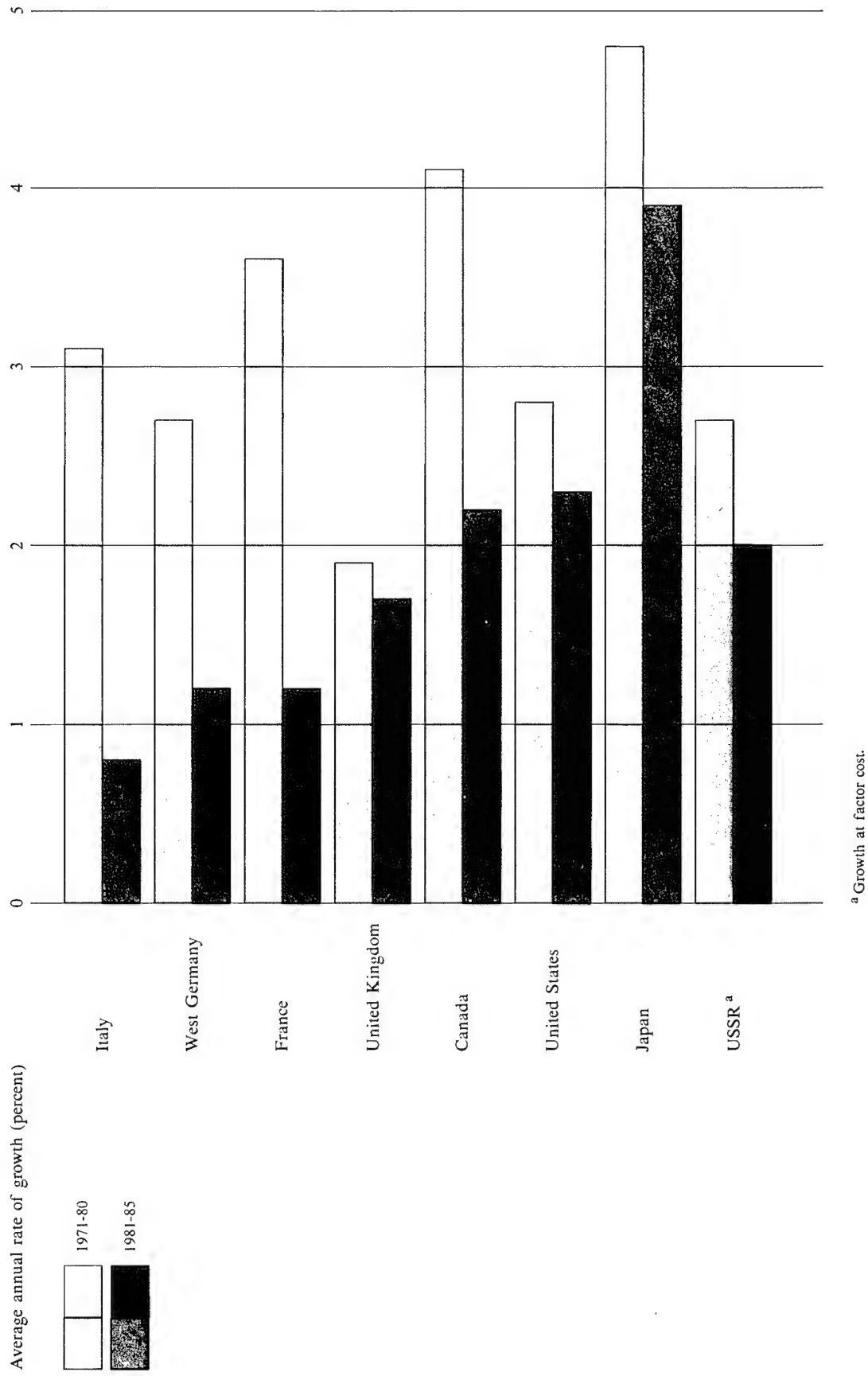
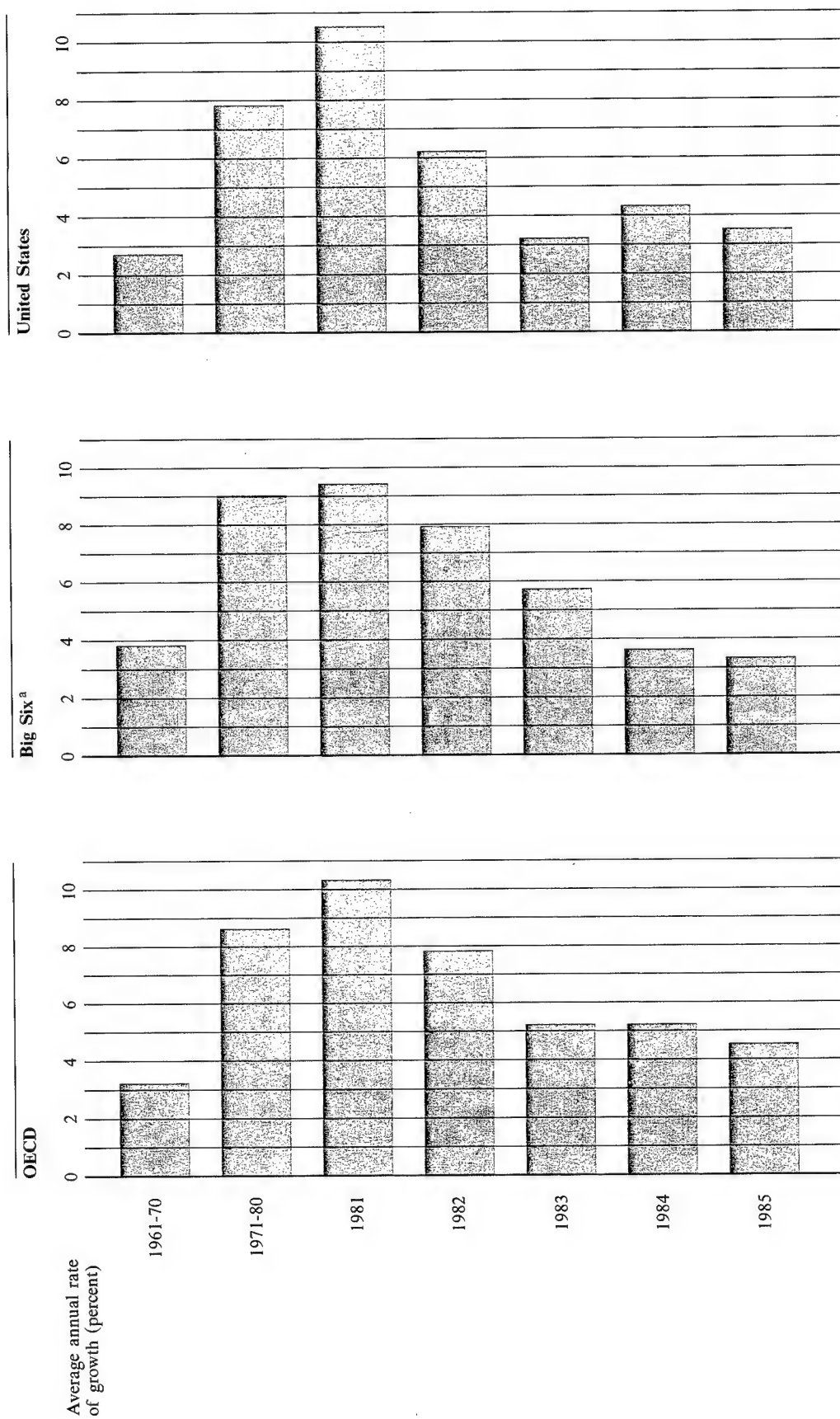


Figure 5
Developed Countries: Aggregate Inflation Rate Trends



^a Japan, West Germany, France, United Kingdom, Italy, and Canada.

Figure 6
Less Developed Countries: Aggregate Real GNP Growth Rates

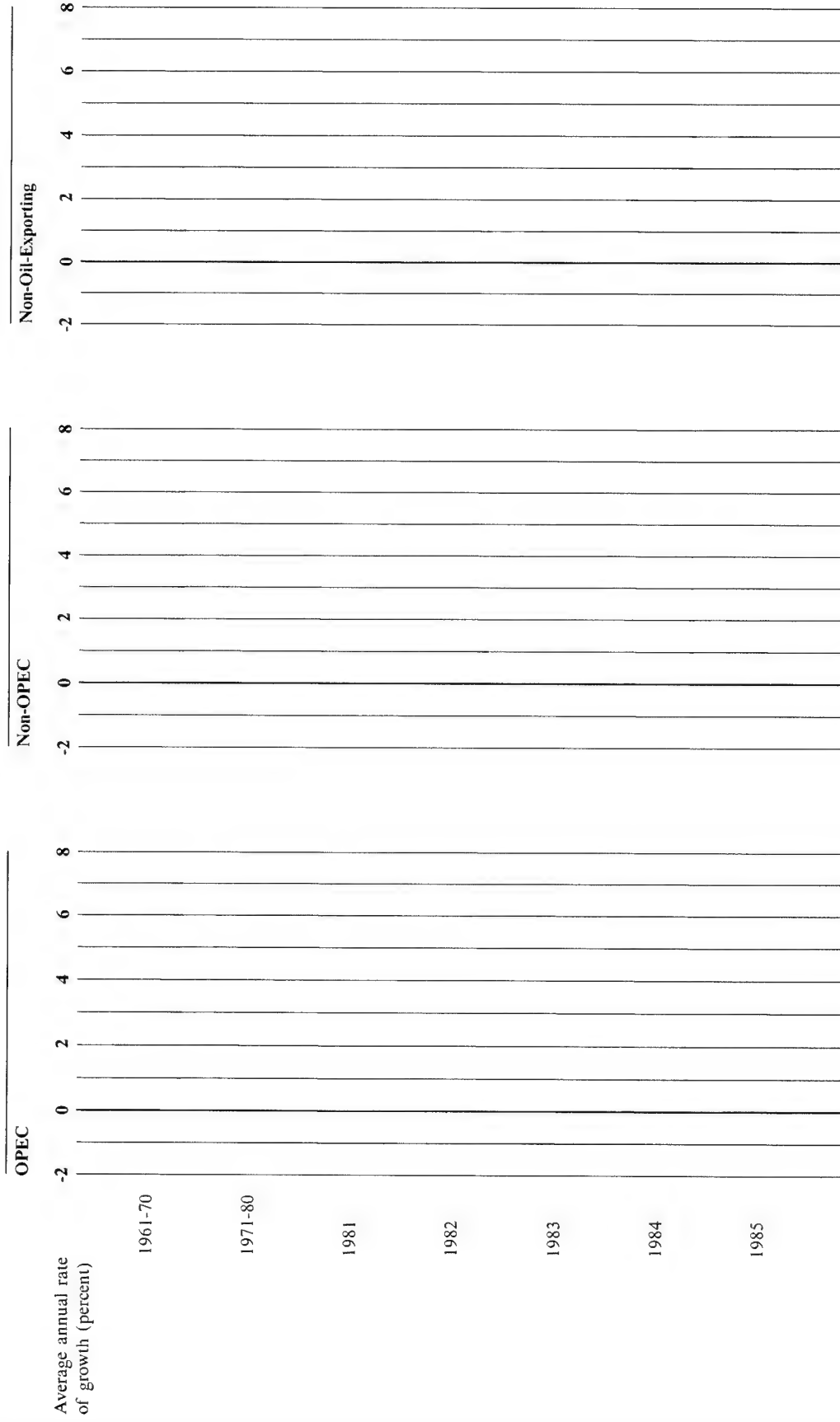


Figure 7
Less Developed Countries: Aggregate Inflation Rate Trends

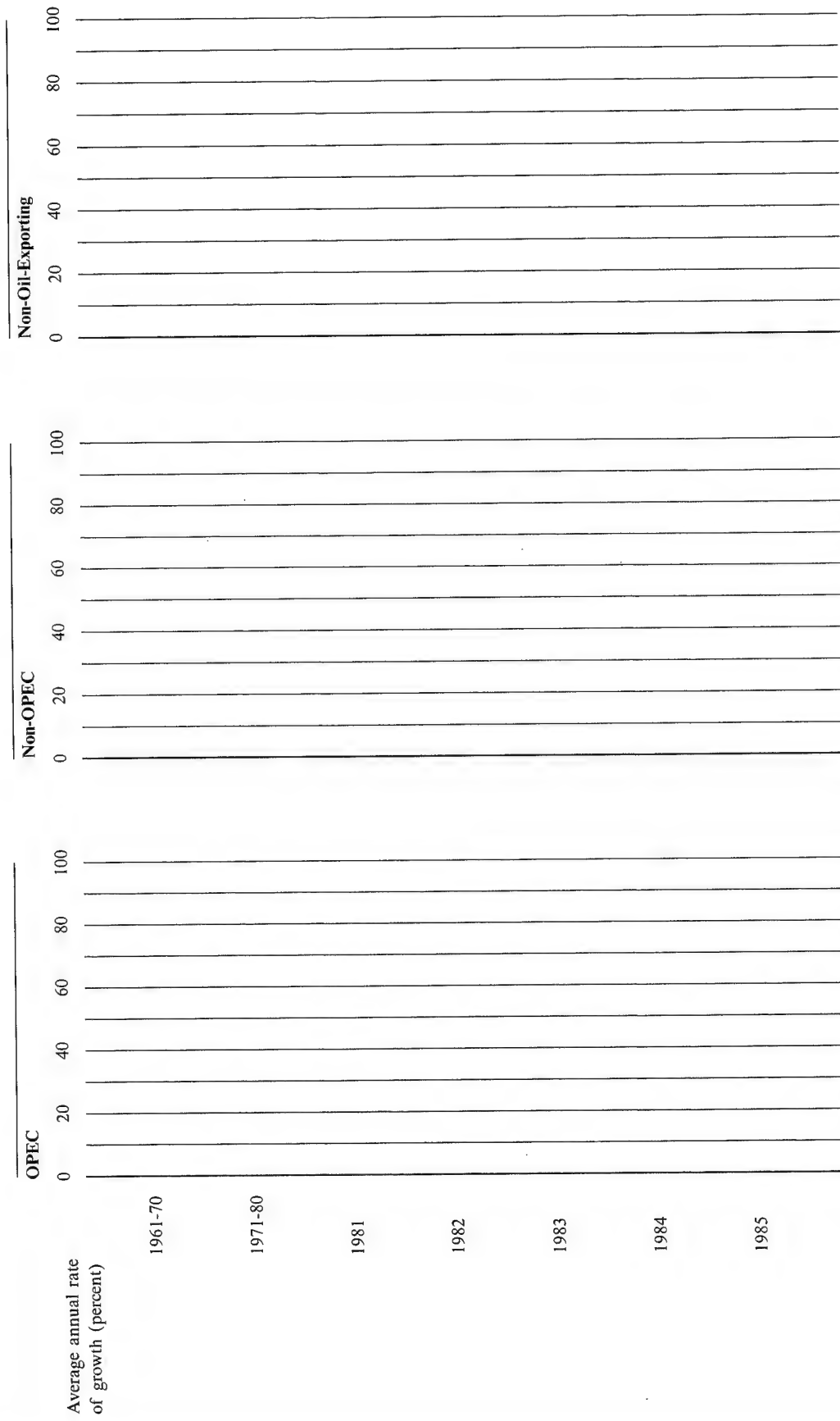
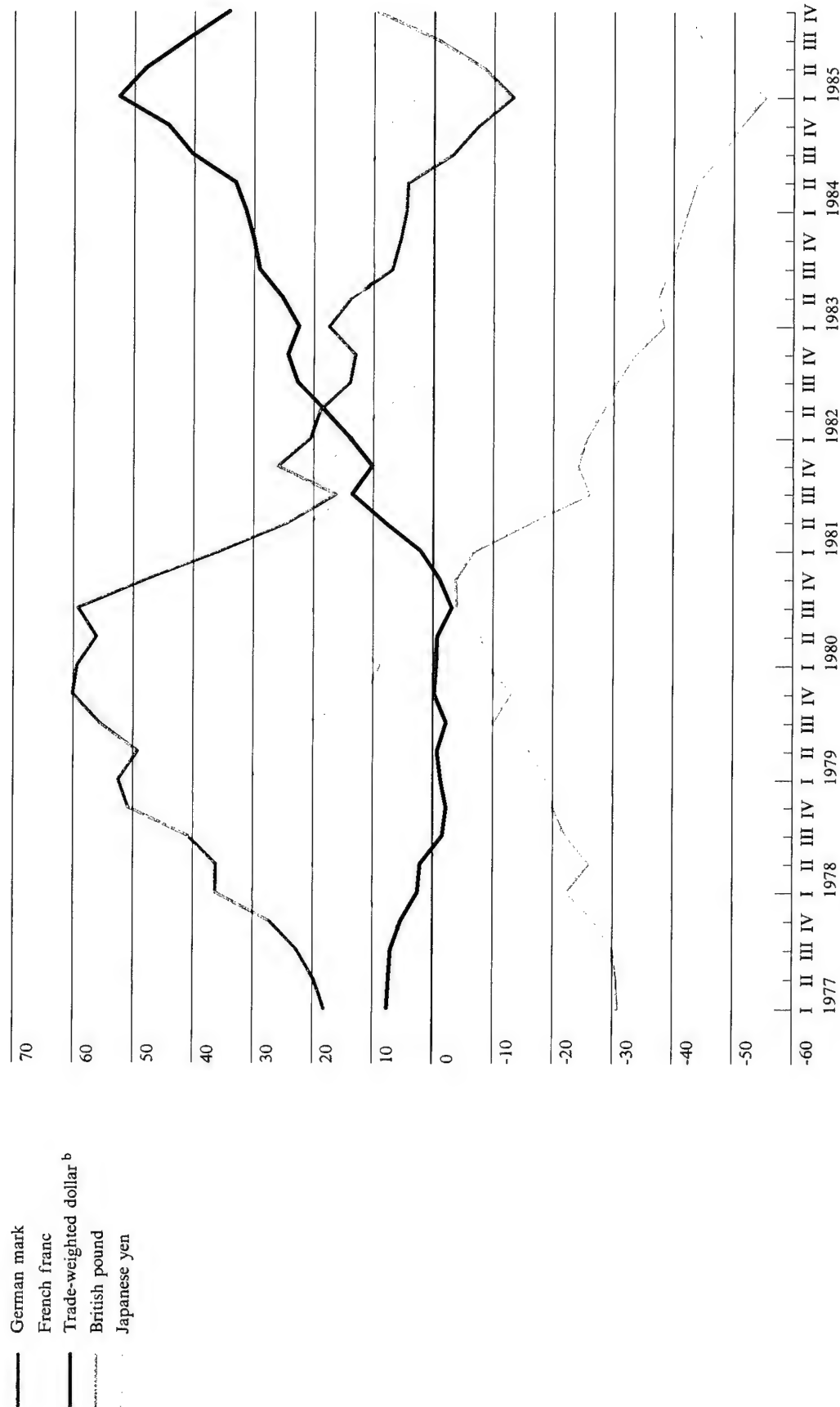


Figure 8

Percent Change in the Value of Selected Foreign Currencies Relative to the US Dollar^a



^a Change relative to selected foreign currencies, compared with March 1973.

^b Relative to 16 major currencies, weighted by 1979-80 trade in manufactures.

Figure 9
Government Receipts, Outlays, and Balances, as a Share of GDP

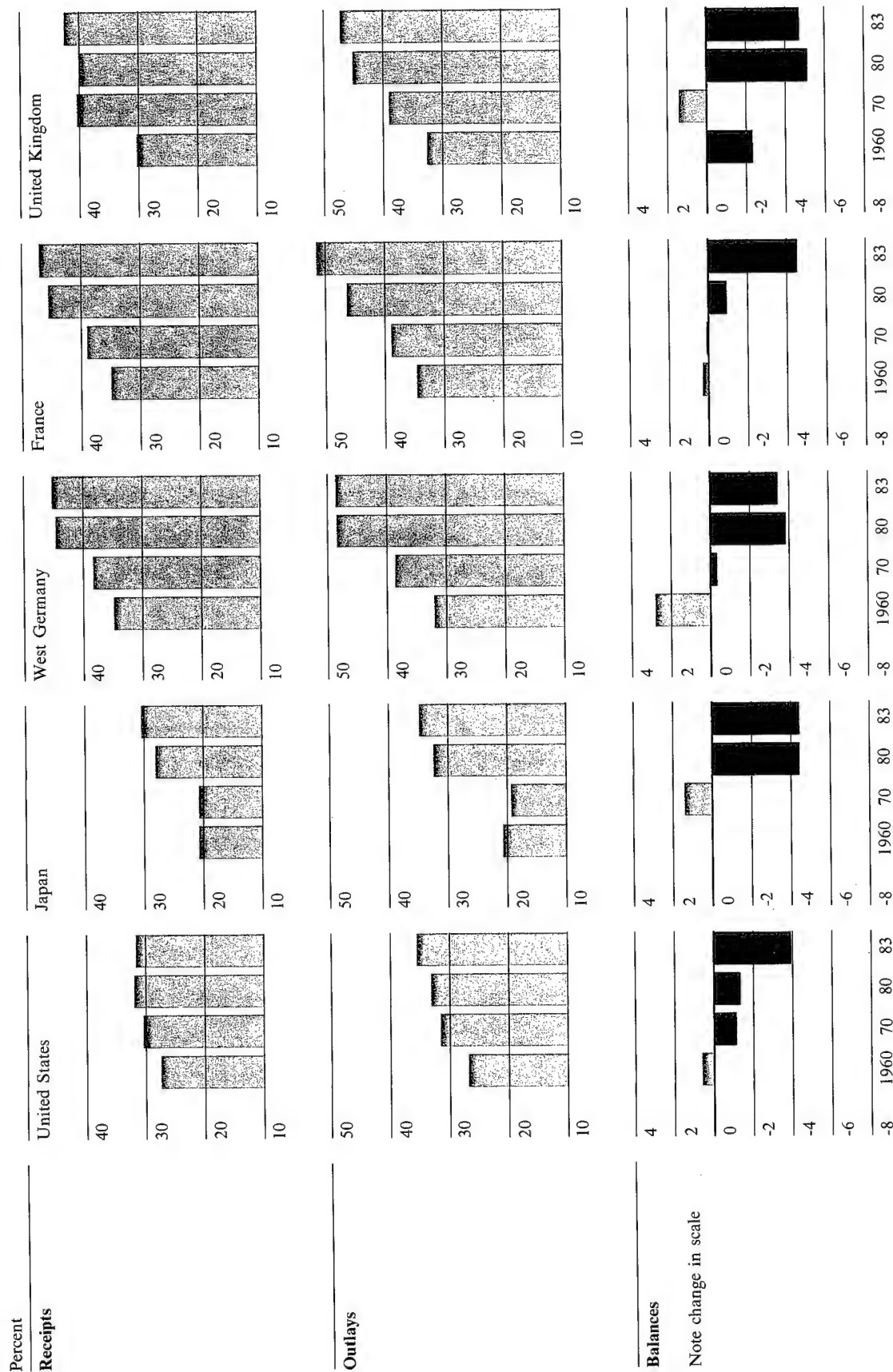


Figure 10
Selected Industrial Countries: Comparative Tax Burden, 1983

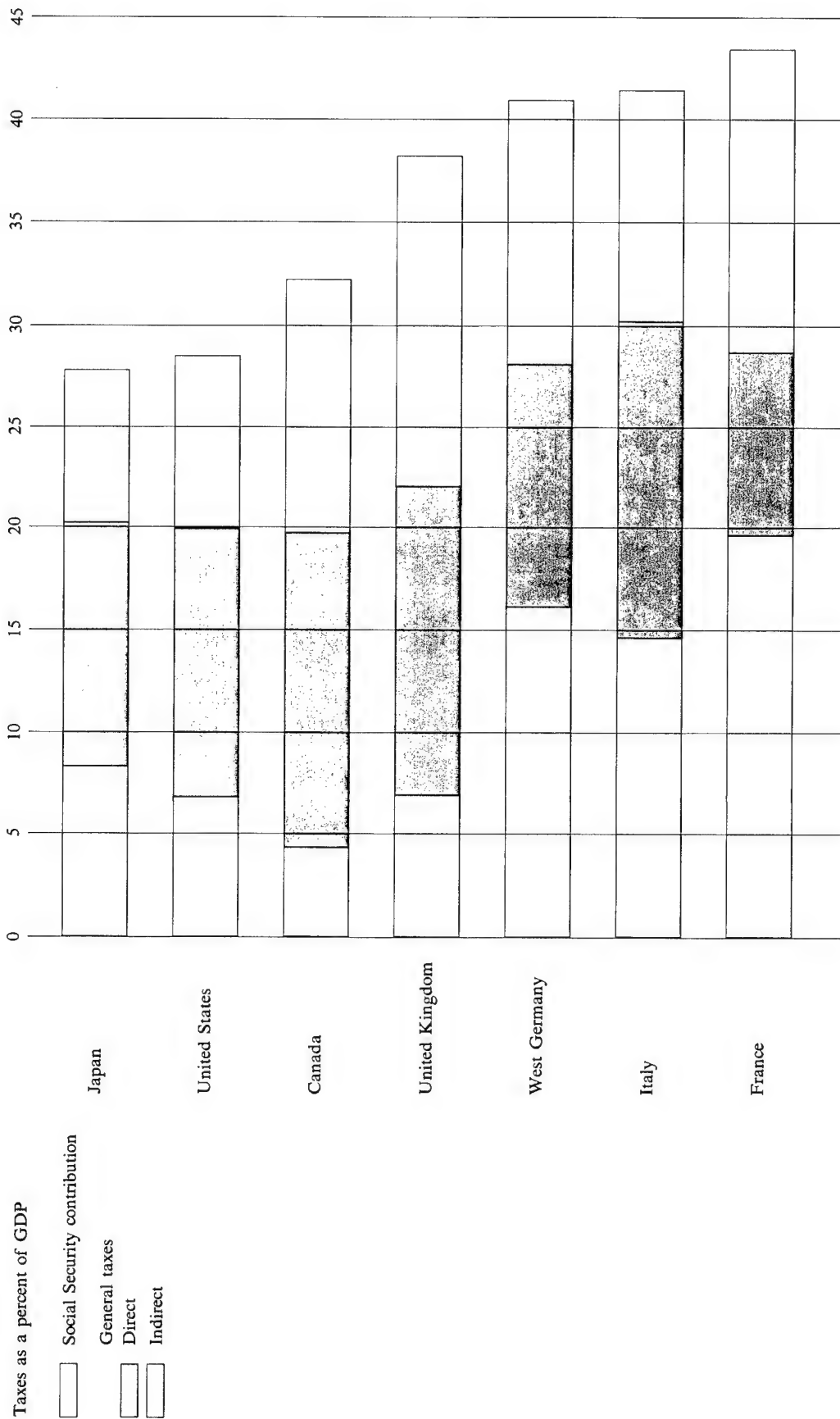


Figure 11
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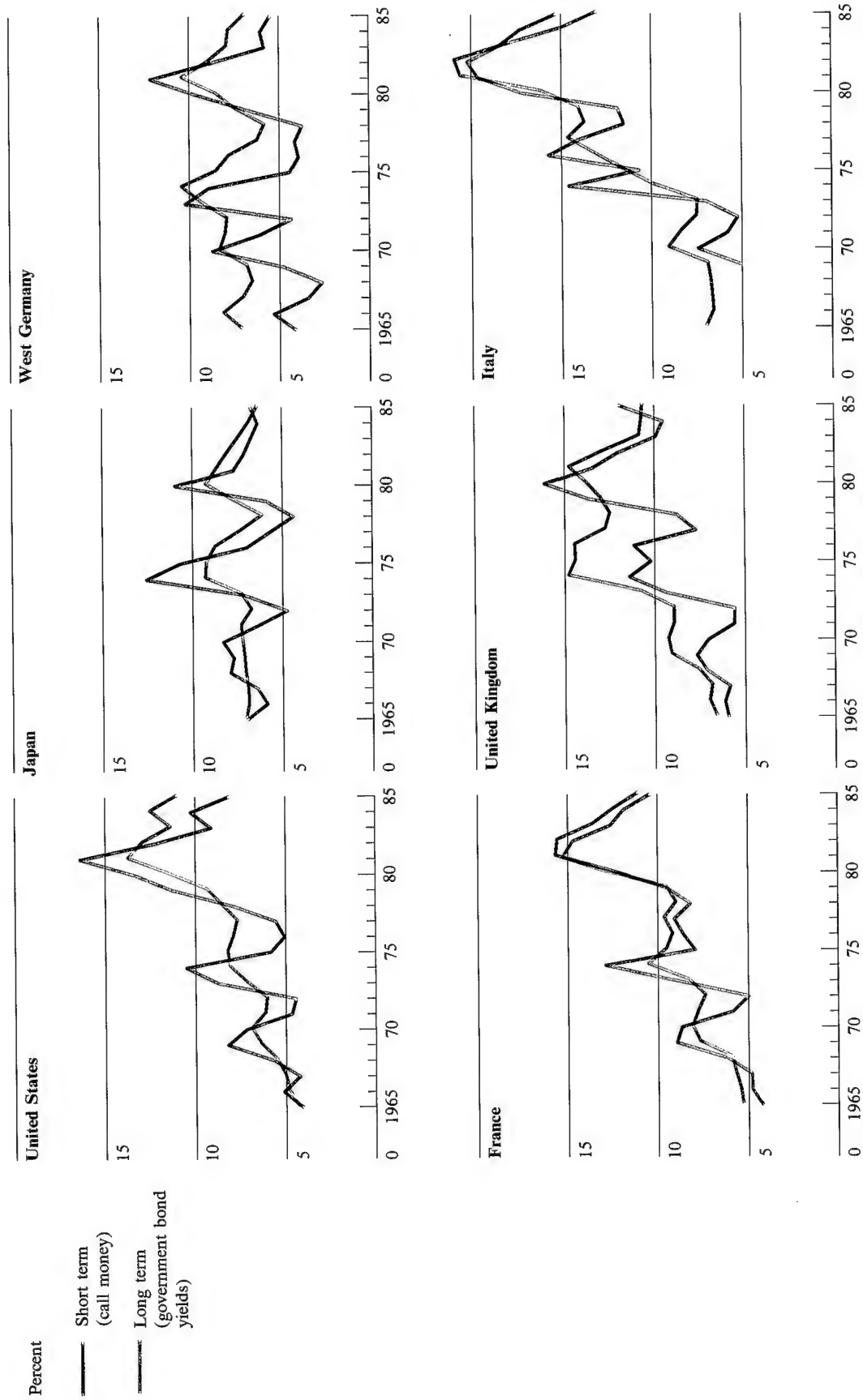


Figure 12

Soviet and East European Economic Aid Extended to Less Developed Countries

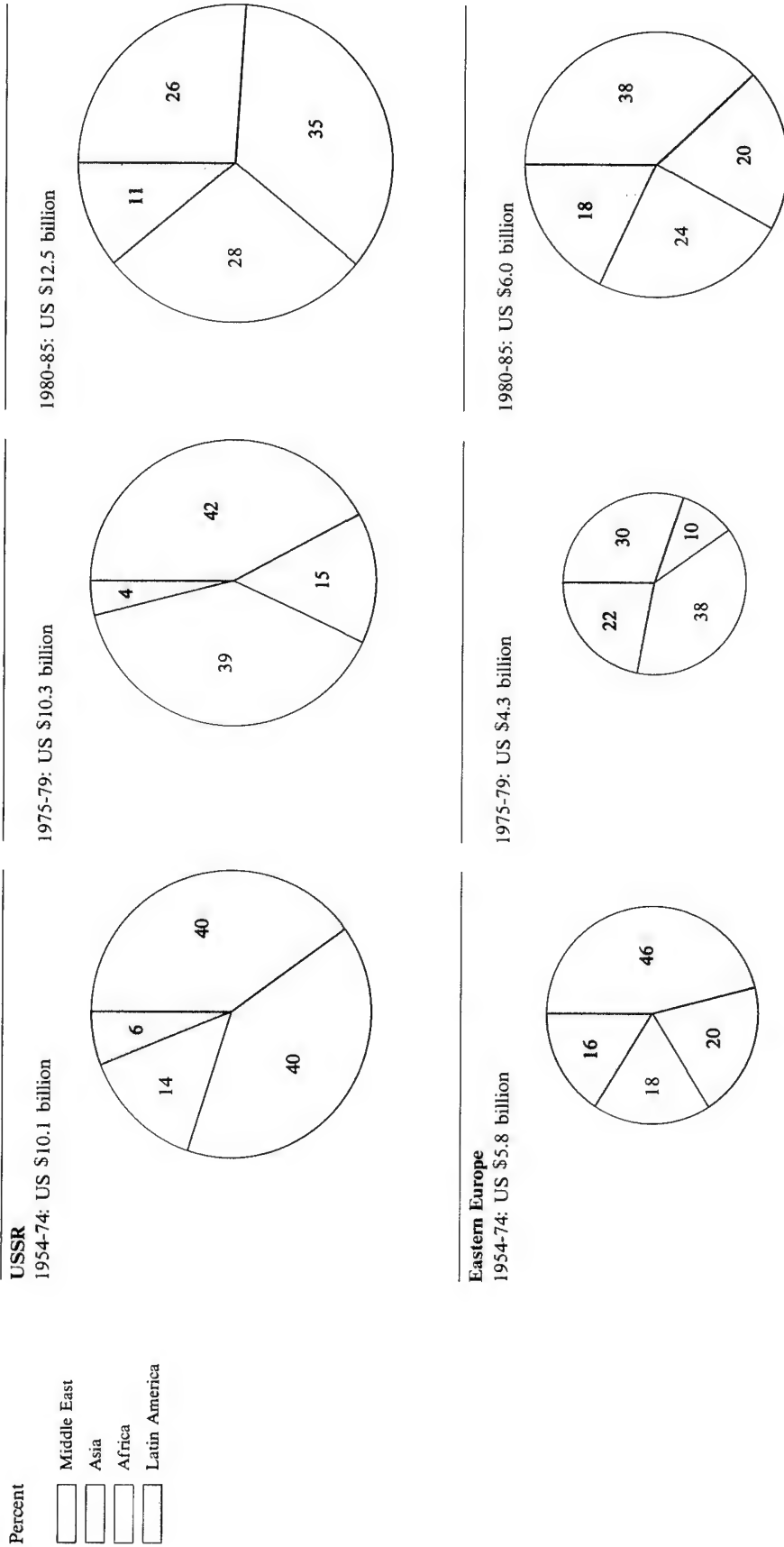


Figure 13
USSR: Military Agreements With Less Developed Countries

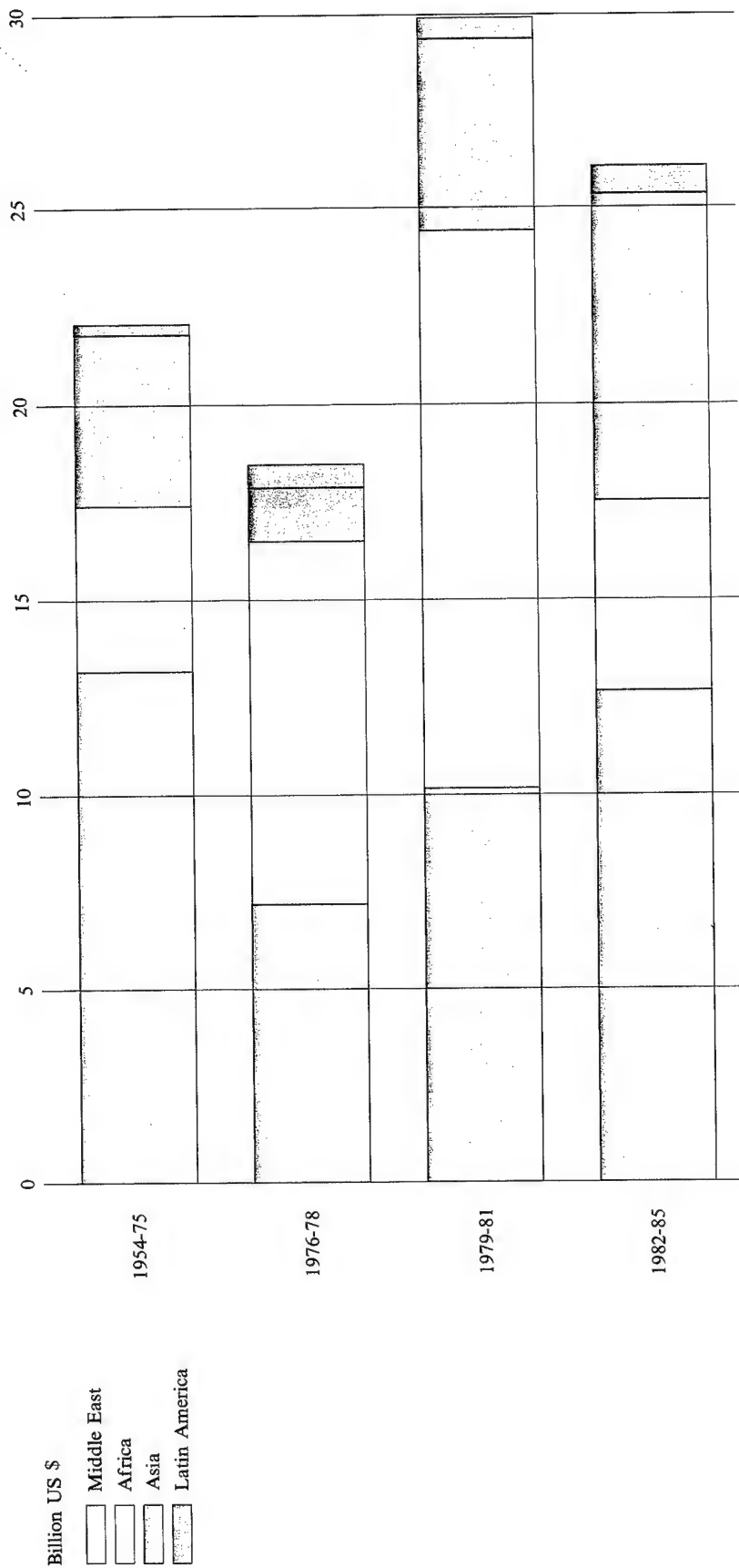
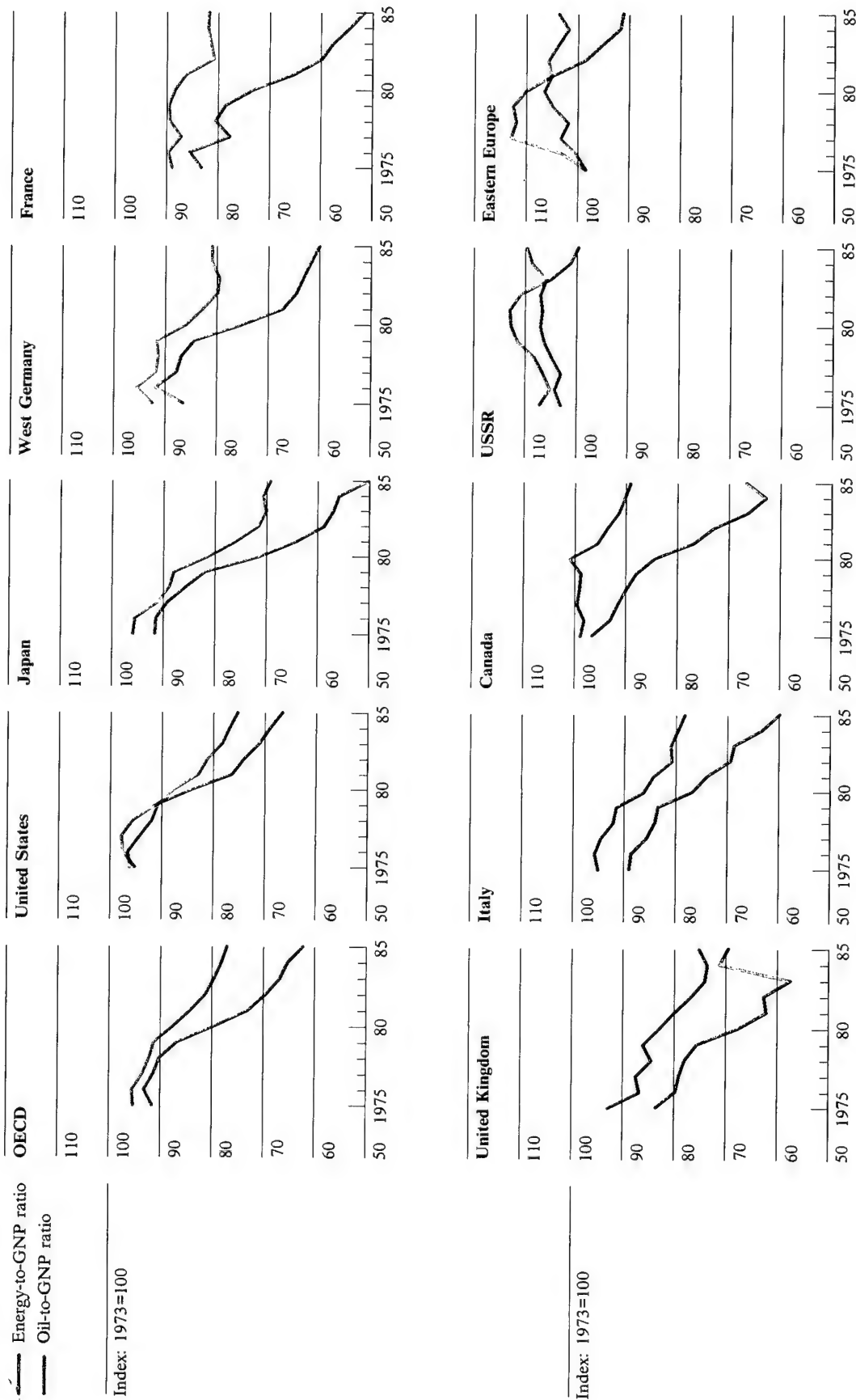


Figure 14
Measures of Energy Efficiency ^a



^aCare should be taken in comparing the Soviet oil-to-GNP ratio directly with the ratio of Western countries. The Soviet series is based on apparent oil consumption because the Soviets do not publish data on oil consumption. The apparent consumption series does not take into consideration possible changes in year-to-year oil stock levels and is based on reported oil production and estimates of oil exports and imports.

Figure 15
Minerals and Metals: Net Imports as a Share of Consumption, 1985

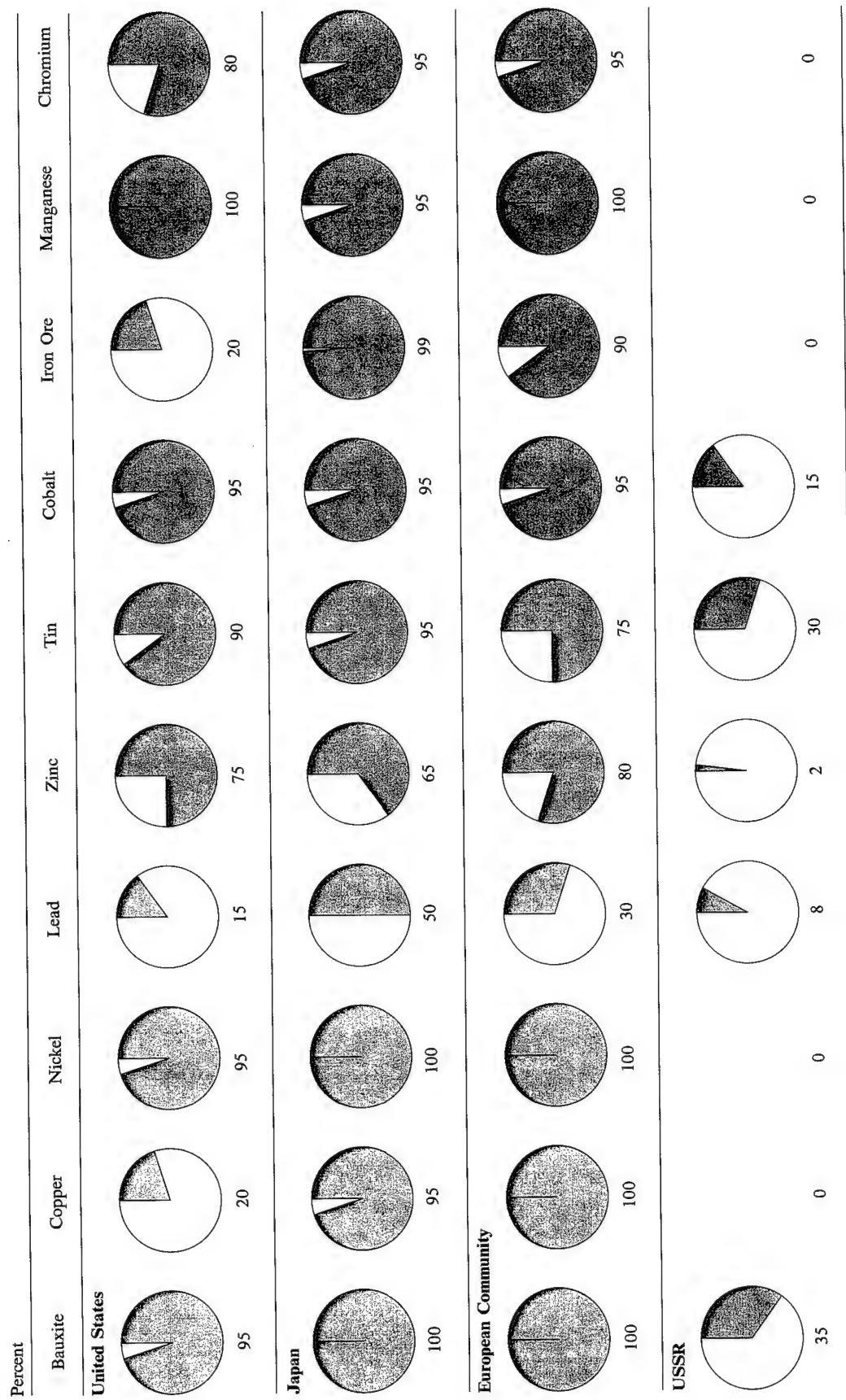
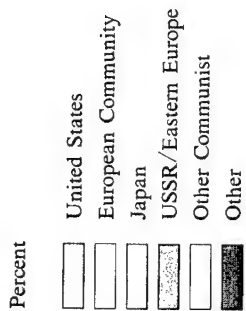
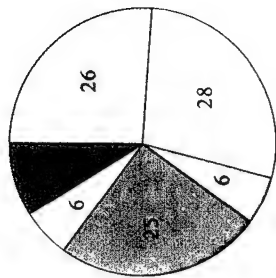


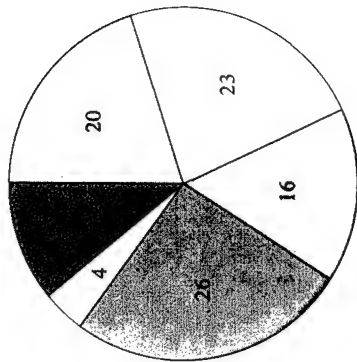
Figure 16
World Crude Steel Production



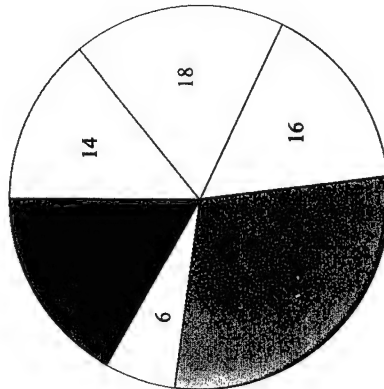
1960
 346 million metric tons



1970
 594 million metric tons



1980
 714 million metric tons



1985
 693 million metric tons

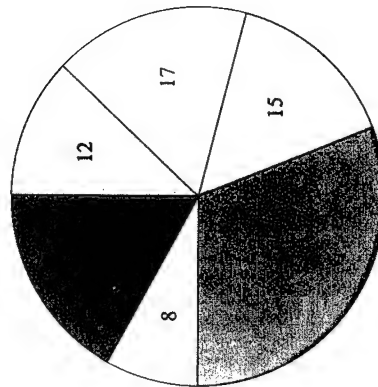
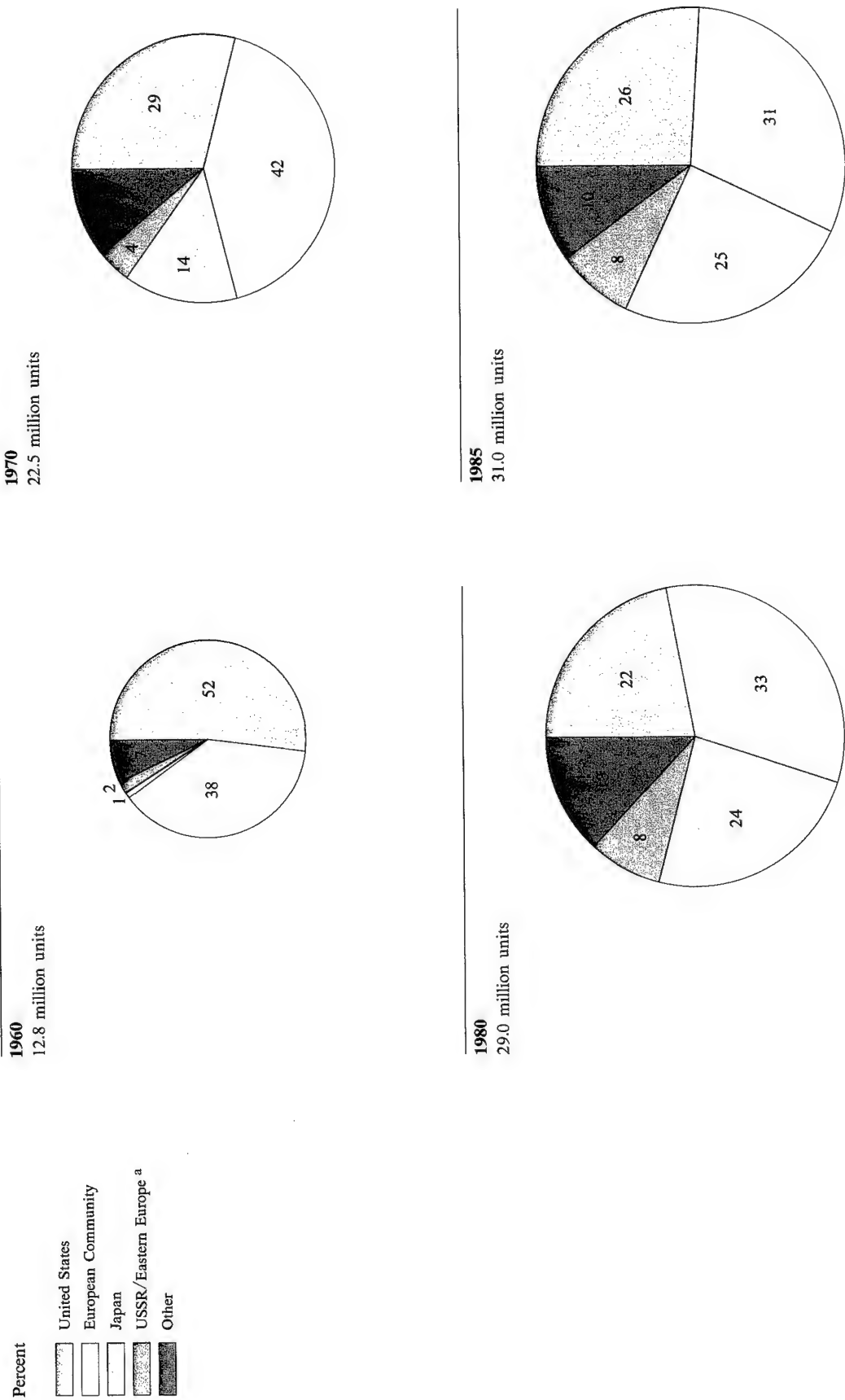
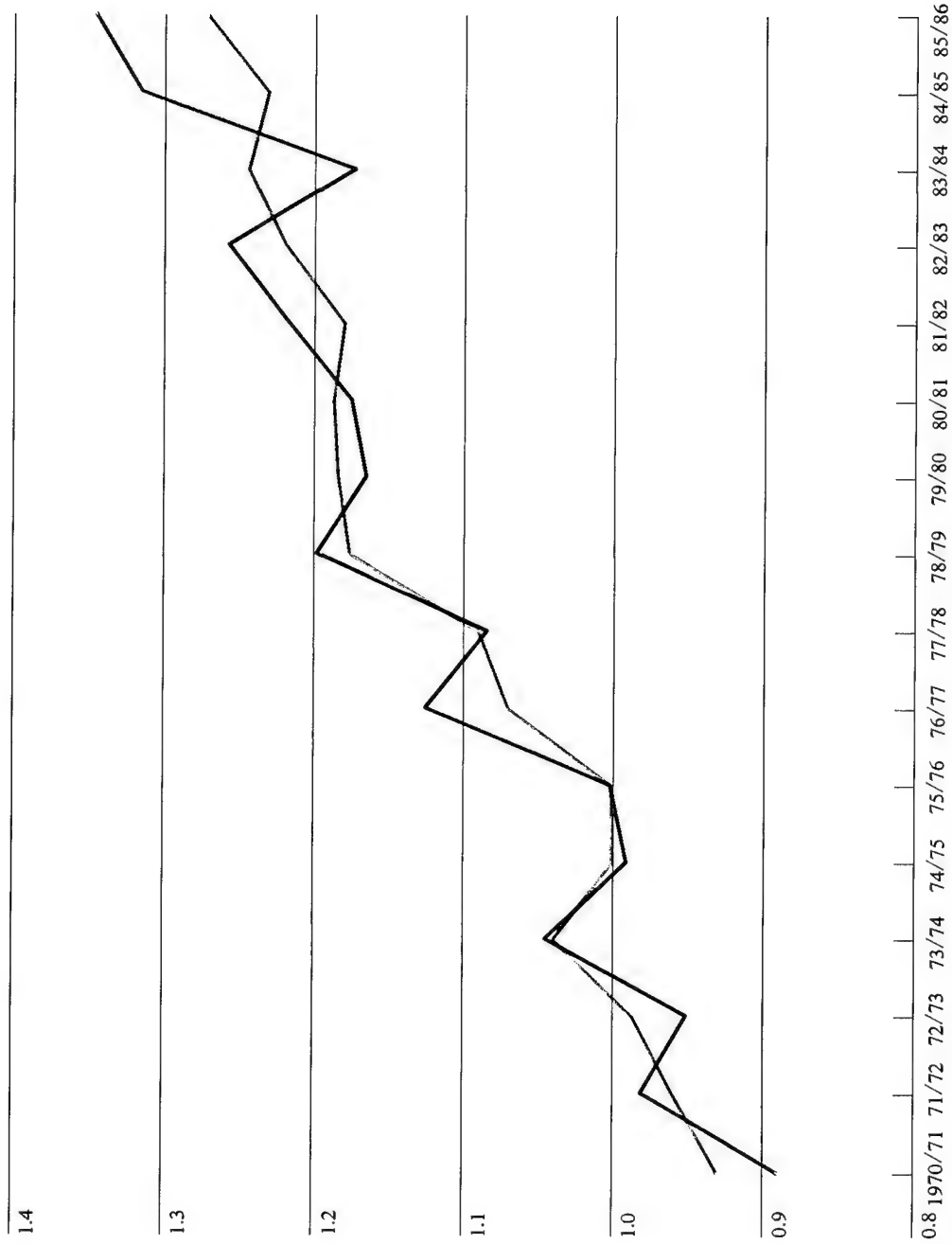


Figure 17
World Passenger Automobile Production



^aData include production in Yugoslavia.

Figure 18
World Wheat and Coarse Grain^a Supplies



^a Includes corn, sorghum, barley, oats, millet, rye, wheat, and miscellaneous grains.

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Table 1
Selected World Statistics ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Gross national product (billion 1985 US \$)	5,330	8,690	10,500	12,500	12,700	12,700	13,000	13,600	14,000
Population (million persons, midyear)	3,063	3,722	4,107	4,478	4,559	4,641	4,721	4,805	4,889
Agricultural production index (1975=100)	65	88	100	110	114	117	117	123	124
Exports (billion US \$)	129.8	313.1	873.8	1,997.8	1,976.8	1,845.7	1,810.8	1,904.2	1,911.9
Crude oil, excluding natural gas liquids (million b/d)	21.0	45.7	53.0	59.5	55.8	53.1	52.6	53.7	52.9
Natural gas (trillion cubic feet)	NA	38.1	46.5	54.4	55.7	55.1	55.4	58.9	62.7
Hard coal (million metric tons)	1,985 ^b	2,141	2,361	2,728	2,728	2,829	2,829	2,997	3,150
Brown coal and lignite (million metric tons)	640	794	869	1,005	1,034	1,069	1,091	1,126	1,150
Electricity (billion kilowatt hours)	2,348	4,953	6,519	8,247	8,397	8,477	8,797	8,979	9,150
Iron ore (million metric tons)	522	769	892	896	861	796	800	864	888
Bauxite (million metric tons)	27.6	57.8	75.1	88.8	86.0	73.2	77.4	94.6	94.2
Pig iron (million metric tons)	259	431	468	510	501	454	466	482	492
Crude steel (million metric tons)	346	594	651	714	704	641	644	688	693
Refined copper (thousand metric tons)	NA	7,543	8,344	8,916	9,171	9,119	9,340	9,899	9,700
Primary aluminum (million metric tons)	4.5	9.7	12.0	15.4	15.1	13.3	14.8	16.5	16.1
Smelter lead (thousand metric tons)	2,313	3,292	3,369	3,205	3,159	3,237	3,910	3,709	3,900
Refined zinc (thousand metric tons)	3,025	4,827	5,460	6,057	6,140	5,881	6,175	6,362	6,275
Primary tin (thousand metric tons)	192	227	226	248	242	241	210	219	214
Mineral fertilizer ^c (million metric tons, nutrient content)	NA	66.3	93.3	119.0	124.9	119.0	119.1	130.2	138.9
Nitrogen fertilizer ^c (million metric tons of N)	NA	30.2	42.5	59.7	62.8	62.0	63.4	68.7	74.8
Phosphate fertilizer ^c (million metric tons of P ₂ O ₅)	NA	19.2	27.1	33.4	34.6	31.1	31.3	33.7	35.2
Potassium fertilizer ^c (million metric tons of K ₂ O)	NA	16.9	23.7	25.9	27.5	25.9	24.4	27.8	28.9
Synthetic fibers (thousand metric tons)	700	4,870	7,450	10,475	10,830	10,140	11,101	9,537	9,830
Automobiles (thousand units)	12,800	22,500	25,220	28,997	27,567	26,130	29,686	30,413	30,880
Cement (million metric tons)	NA	585	720	867	875	888	890	889	907
Grain (million metric tons)	929	1,220	1,390	1,580	1,670	1,720	1,660	1,830	1,860
Wheat (million metric tons)	240	319	360	446	454	485	494	524	512
Coarse grain (million metric tons)	414	540	621	693	752	762	653	777	827
Rice (million metric tons)	162	312	356	395	408	420	447	465	463
Potatoes (million metric tons)	285	312	285	264	288	284	286	309	306
Sugar (million metric tons)	61.4	76.7	81.7	87.7	96.1	107	101	103	101
Coffee (thousand metric tons)	NA	3,566	4,393	4,810	6,086	4,946	5,574	5,193	NA

Table 1 (continued)
Selected World Statistics ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Fish catch (million metric tons)	40.2	65.6	66.0	72.0	74.8	76.5	76.5	NA	NA
Cattle (million head)	901	1,096	1,202	1,205	1,214	1,257	1,260	1,275	1,268
Hogs (million head)	519	594	655	793	778	767	772	793	789
Meat (million metric tons)	65.4	102	117	138	132	133	137	140	144
Milk (million metric tons)	315	362	392	428	430	432	452	451	455
Wool (thousand metric tons)	2,450	2,840	2,722	2,773	2,820	2,854	2,874	2,885	2,988
Ginned cotton (million metric tons)	10.4	11.8	11.7	14.0	15.4	14.7	14.7	19.1	16.8
Tobacco (thousand metric tons)	NA	4,675	5,445	5,312	5,981	6,890	5,990	6,183	NA
Railroad freight (billion ton-kilometers)	3,338	5,020	5,958	6,766	6,816	6,632	6,880	7,142	NA
Fishing fleet inventory (number)	NA	12,889	18,940	21,523	21,800	21,926	22,231	21,913	22,103
(thousand GRT)	NA	7,804	11,339	12,669	12,923	12,819	13,031	12,806	12,985
Merchant fleet inventory (number)	17,229	19,503	22,353	23,855	24,247	24,467	24,503	24,699	25,010
(million DWT)	171.6	325.1	556.4	638.1	653.0	660.2	647.1	646.9	641.1
Tanker fleet inventory (number)	3,371	4,119	5,177	5,439	5,606	5,647	5,600	5,574	5,473
(million DWT)	63.7	152.4	301.7	379.9	378.8	374.0	352.6	337.9	313.5

^a For more detailed descriptions and definitions, refer to the

^b Including brown coal at its hard coal equivalent.

^c Fertilizer year ending 30 June of the stated year.

Table 2
Economic Profile: Developed Countries, 1985

	United States	Canada	Japan	European Community				Nether-lands	United Kingdom	West Germany
				Total	France	Italy				
Aggregative data										
Population										
Million persons at midyear	238.6	25.4	120.7	272.8	55.0	57.1	14.5	56.4		61.0
Percent change	0.8	1.0	0.6	0.1	0.4	0.2	0.4	NEGL		-0.4
Gross national product										
Billion 1985 US \$ ^a	3,988.5	331.3	1,328.6	2,250	510.3	357.8	124.2	443.2		623.2
Percent real growth	2.3	4.5	4.6	2.2	1.2	2.3	2.0	3.4		2.4
Per capita (1985 US \$)	16,710	13,040	11,010	8,240	9,280	6,270	8,570	7,860		10,220
Industrial production (percent growth)	2.3	4.4	4.7	NA	0.5	1.2	3.2	4.6		5.0
Industry										
Primary energy (million b/d oil equivalent)	32.6	5.9	1.4	12.1	1.8	0.5	1.5	4.9		2.7
Electricity (billion kilowatt-hours)	2,635	457	665	1,390	319	194	63	297		397
Crude steel (million metric tons)	80.1	15.0	105.3	121	18.8	23.7	5.5	15.7		40.5
Cement (million metric tons)	72.6	9.9	71.9	123	22.2	37.8	2.6	12.2		26.3
Trade										
Exports, f.o.b. (billion US \$)	213.1 ^b	90.6	177.2	619.8	101.7	79.0	68.3	101.2		183.9
Imports, c.i.f. (billion US \$)	361.6	81.5	130.5	625.8	107.8	91.1	65.2	109.0		158.5
Trade balance (billion US \$)	-148.5	9.2	46.7	-6.1	-6.1	-12.1	3.1	-7.7		25.4
Indicators of living standards										
Grain production (kilograms per capita)	1,450	1,860	130	500	990	320	100	390		420
Meat production (kilograms per capita)	108	97	29	85	93	62	155	57		85
Automobile registrations (units per thousand persons)	535 ^c	426 ^d	216 ^d	328 ^d	375 ^d	347 ^d	324 ^d	286 ^d		359 ^d
Energy consumption (barrels oil equivalent per capita) ^e	56	65	23	26	26	18	35	25		32
Consumer prices (percent growth in 1985)	3.5	4.0	2.0	NA	5.8	8.6	2.2	6.1		2.2
Life expectancy (years) ^f	73	74	76	NA	74	73	76	71		72

^a Data were converted from national currencies at average 1985 Par Rate/Market Rate factors.

^b Excluding Department of Defense shipments.

^c Data are for 1983.

^d Data are for 1982.

^e Data are for 1984.

^f Latest available data.

Table 3
Economic Profile: Communist Countries, 1985

	USSR	Eastern Europe					China	Yugo- slavia		
		Total	Bulgaria	Czecho- slovakia	East Germany	Hungary			Poland	Romania
Aggregate data										
Population										
Million persons at midyear	278.9	111.8	9.0	15.5	16.7	10.6	37.2	22.7	1,042.4	23.1
Percent increase	0.9	0.4	0.2	0.3	NEGL	-0.2	0.9	0.4	0.9	0.7
Gross national product ^a										
Billion 1985 US \$	2,062.6	812	57.8	135.6	174.4	80.1	240.6	123.7	354.3	129.4
Percent real growth	1.2	1.4	-0.8	1.7	2.4	-0.9	1.6	1.8	12.0	0.2
Per capita (1985 US \$)	7,400	7,260	6,420	8,750	10,440	7,560	6,470	5,450	340	5,600
Industrial production (percent growth)	2.8	2.0	2.4	2.7	2.0	1.5	2.2	2.0	18.0	2.5
Industry										
Primary energy (million b/d oil equivalent)	31.1	6.8	0.2	1.0	1.5	0.3	2.6	1.2	11.5	0.6
Electricity (billion kilowatt-hours)	1,545	473	42	81	115	26	138	72	407	72
Crude steel (million metric tons)	155.0	59.3	2.9	15.0	7.9	3.6	16.1	13.8	46.6	4.5
Cement (million metric tons)	131.0	58.0	5.2	10.3	11.6	3.7	15.0	12.2	142.5	9.0
Trade										
Exports, f.o.b. (billion US \$)	87.0	98.2	12.8	17.8	24.0	13.5	17.8	12.2	31.3	10.7
Imports, f.o.b. (billion US \$)	82.9	94.1	13.1	17.9	22.2	13.0 ^b	17.4	10.4	39.5	12.2
Trade balance (billion US \$)	4.0	4.1	-0.2	-0.1	1.8	0.5	0.3	1.8	-8.2	-1.5
Indicators of living standards										
Grain production (kilograms per capita)	680	820	780	750	690	1,410	640	900	360	680
Meat production (kilograms per capita)	61	92	94 ^c	97	125	170 ^c	74	93	17	73 ^c
Automobile registrations (units per thousand persons) ^d	25	95	99	159	168	110	80	11	NEGL	119
Energy consumption (barrels oil equivalent per capita) ^c	34	29	29	36	43	21	25	23	4	15
Life expectancy (years) ^e	70	NA	71	71	72	70	71	70	67	68

^a Data were converted at US purchasing power equivalents. ^d Data are for 1982.

^b Data are on a c.i.f. basis.

^c Data are for 1984.

Table 4

Economic Profile: Selected Less Developed Countries, 1985

	Africa			Asia			Latin America			Middle East and South Asia					
	Ivory Coast	Morocco	Zaire	Zim-bawe	Malay-sia	Philip-pines	Thai-land	Chile	Colom-bia	Peru	Bangla-desh	Egypt	India	Paki-stan	Syria
Aggregate data															
Population															
Million persons at midyear	10.1	23.1	30.5	8.7	15.5	58.3	51.5	12.0	29.3	19.7	101.4	49.1	767.7	99.2	10.5
Percent increase	4.1	2.4	2.8	2.6	2.3	2.8	1.8	1.9	2.1	2.6	2.8	2.9	2.1	2.7	3.8
Gross domestic product															
Billion 1985 US \$	8.0	12.3	6.0 ^a	2.3	13.6	32.7	37.2	16.1	29.0	17.0	16.7	21.2	190.0	28.2	21.4
Percent real growth	5.0	2.5	1.5 ^a	6.0	2.8	-3.8	4.0	2.4	2.0	1.5	3.0	3.5	3.5	8.4	-3.0
Per capita (1985 US \$)	790	530	200 ^a	260	880	560	720	1,340	990	860	160	430	250	280	2,040
Industry															
Per capita manufacturing (US \$) ^b	240	150	20	130	330	180	130	520	250	230	10	80	40	60	180
Electricity production (billion kilowatt-hours)	2.2	5.9	5.0 ^a	4.0	12.3	18.8	23.0	13.9	26.0	12.7 ^a	4.4	35.9 ^a	170.0	23.5	6.9 ^a
Agriculture															
Per capita agriculture (US \$) ^b	340	160	40	70	390	170	180	180	310	90	50	100	80	80	310
Grain production (million metric tons)	0.6	4.9	1.1	3.1	1.9	11.7	24.6	2.2	3.2	1.8	23.4	8.7	155.2	17.5	2.5
International trade															
Exports, f.o.b. (million US \$)	2,707 ^a	2,171 ^a	1,003 ^a	1,166 ^a	15,442	4,607	7,120	3,797	3,462 ^a	2,966	943	3,714	9,450	2,739	1,853 ^a
Imports, c.i.f. (million US \$)	1,497 ^a	3,911 ^a	676 ^a	995 ^a	12,302	5,459	9,231	2,743	4,498 ^a	1,835	2,633	9,961	17,000	5,890	4,116 ^a
Living standard indicators															
Literacy rate (percent) ^b	25	25	17	74	58	76	82	90	80	74	29	43	36	31	47
Life expectancy (years) ^b	46	55	46	54	60	61	56	64	62	54	54	53	46	51	57

^a Data are for 1984.^b Latest year available.

Table 5
Economic Profile: Organization of Petroleum
Exporting Countries, 1985

	Algeria	Ecuador	Gabon	Indonesia	Iran	Iraq	Kuwait	Libya	Nigeria	Qatar	Saudi Arabia	United Arab Emirates	Venezuela
Aggregative data													
Population													
Million persons at midyear	22.1	9.4	1.0	173.1	45.2	15.5	1.7	3.8	102.8	0.3	11.2	1.3	17.3
Percent increase	3.2	2.9	3.1	2.2	3.1	3.4	4.5	3.5	2.9	4.7	3.3	3.3	2.8
Gross national product													
Billion 1985 US \$	54.0	10.7	3.3	80.7	79.6	27.3	25.5	24.0	53.4	7.2	133.6	27.4	45.3
Percent real growth	4.0	3.2	-5.0	1.5	-1.0	-2.0	-4.0	-3.0	2.4	-5.0	-0.3	-3.0	-0.2
Per capita (1985 US \$)	2,440	1,140	3,300	470	1,760	1,760	15,000	6,320	520	24,000	11,930	21,080	2,620
Industry													
Crude oil production (thousand b/d)	645	280	153	1,235	2,258	1,069	1,040 ^a	1,069	1,464	302	3,468 ^a	1,146	1,621
Share of oil in GNP (percent)	25	10 ^b	50	19 ^b	35	65	60	45 ^b	25	52	50	50	22
Trade													
Exports f.o.b. (million US \$)	12,600	2,760	1,671	21,902 ^c	13,185	10,300	10,100	10,929	12,548	4,513 ^c	28,000	14,254	12,272
Government oil revenues (billion US \$)	10	2	1	8	15	11	9	12	11	3	28	12	12
Oil exports (thousand b/d)	565	183	160	949	1,600	1,200	930	1,000	1,275	285	2,550	1,010	1,371
Imports c.i.f. (million US \$)	9,000	1,606	743	13,882 ^c	13,500	12,300	7,694 ^c	7,000	8,877	1,162 ^c	21,000	7,350	8,178
United States (million US \$)	406	674 ^c	91	1,460 ^b	74	427	551 ^c	311	676	64	4,474	596	2,812 ^b
European Community (million US \$)	2,445	464 ^c	576	2,000 ^b	3,718	3,192	1,889 ^c	3,087	3,293	529	7,806	2,410	1,186 ^b
Japan (million US \$)	NEGL	118 ^c	45	3,550 ^b	1,360	1,318	1,548 ^c	255	344	166	3,922	1,173	350 ^b
Living standard indicators													
Literacy rate (percent) ^d	42	76	12	72	50	50	64	50	38	34	35	68	82
Life expectancy (years) ^d	55	61	35	48	58	55	69	55	37	57	53	62	67

^a Including about one-half of Neutral Zone production.

^b Data are for 1983.

^c Data are for 1984.

^d Latest available data.

Table 6
Economic Profile: Selected Newly Industrializing Countries, 1985

	Argentina ^a	Brazil	China (Taiwan)	Hong Kong	Mexico	Singapore	South Korea
Aggregative data							
Population							
Million persons at midyear	30.7	139.8	19.3	5.4	79.7	2.6	42.6
Percent increase	1.6	2.5	1.5	1.0	2.6	1.1	1.5
Gross domestic product							
Billion 1985 US \$	63.3	213.6	60.1	23.3	147.2	16.2	86.2
Percent real growth	- 4.4	8.3	4.1	0.8	2.7	- 2.0	5.1
Per capita (1985 US \$)	2,060	1,530	3,110	4,310	1,850	6,230	2,020
Industry							
Per capita manufacturing (value added in US \$)	1,590 ^b	320	990 ^b	1,070 ^b	450	1,280 ^c	510
Electricity production (billion kilowatt hours)	40.8 ^c	167.0	52.6	15.8 ^c	81.7	9.9	58.0
Agriculture							
Per capita agriculture (value added in US \$)	380 ^b	160	160 ^b	40 ^b	160	70	250
Grain production (million metric tons)	28.6	31.2	2.1	NEGL	28.6	NEGL	8.4
Trade							
Exports, f.o.b. (million US \$)	8,398	25,639	30,723	30,184	22,108	26,280	29,566
Imports, c.i.f. (million US \$)	4,050	14,346	20,102	29,705	13,459	22,808	31,129
Living standard indicators							
Educational expenditures as a share of GNP (percent) ^d	2.7	3.8	NA	2.6	5.2	4.8	2.7
Literacy rate (percent) ^d	93	75	90	90	83	84	93
Life expectancy at birth (years) ^d	68	59	72	71	66	68	66
Population per square kilometer ^d	10	14	535	4,850	40	4,115	387

^a Argentina is included because its economy closely resembles the NIC economies.

^b Data are for 1980.

^c Data are for 1984.

^d Latest available data.

Table 7
Commodity Production of the US and the USSR ^a

Commodity	1960	1970	1975	1980	1981	1982	1983	1984	1985
<i>Primary energy (million b/d of oil equivalent)</i>									
US	21.1	30.8	30.2	32.6	32.4	32.2	30.9	33.0	32.6
USSR	9.2	17.1	21.9	27.0	27.7	28.5	29.2	30.2	31.1
<i>Crude oil (thousand b/d)</i>									
US	7,055	9,648	8,375	8,597	8,572	8,658	8,680	8,735	8,933
USSR	2,943	6,976	9,570	11,700	11,800	11,830	11,864	11,728	11,350
<i>Natural gas (trillion cubic feet)</i>									
US	12.8	21.9	20.1	20.2	20.0	18.5	16.8	18.2	17.2
USSR	1.6	7.0	10.2	15.4	16.4	17.7	18.9	20.7	22.7
<i>Hard coal (million metric tons)</i>									
US	391.5	550.4	576.2	710.4	700.8	712.4	656.8	755.4	741.0
USSR	355.9	432.7	485.0	493.0	481.0	488.0	487.0	484.0	492.5
<i>Electricity (billion kilowatt-hours)</i>									
US	893.7	1,742.7	2,131.1	2,437.8	2,448.0	2,386.7	2,459.2	2,574.1	2,634.6
USSR	292.3	740.9	1,038.6	1,293.9	1,326.0	1,367.1	1,418.1	1,492.1	1,545.0
<i>Iron ore (million metric tons)</i>									
US	90.2	91.2	80.1	70.7	74.3	36.0	38.2	52.1	48.0
USSR	105.9	197.1	234.7	244.7	242.4	244.4	245.2	247.1	248.0
<i>Bauxite (thousand metric tons)</i>									
US	2,030	2,125	1,800	1,559	1,510	732	679	856	565
USSR	3,100	6,700	8,000	9,100	9,100	9,000	8,900	9,200	NA
<i>Pig iron (million metric tons)</i>									
US	62.2	82.8	72.3	62.3	66.9	39.3	44.2	47.1	45.3
USSR	46.8	85.9	103.0	107.3	107.8	106.7	110.5	110.9	110.0
<i>Crude steel (million metric tons)</i>									
US	90.1	119.3	105.8	101.5	109.6	67.7	76.8	83.9	80.1
USSR	65.3	115.9	141.3	147.9	148.4	147.2	152.5	154.2	155.0
<i>Refined copper (thousand metric tons)</i>									
US	1,650	2,074	1,632	1,730	2,027	1,694	1,584	1,509	1,402
USSR	475	1,015	1,320	1,470	1,490	1,510	1,540	1,590	NA
<i>Titanium sponge metal production (thousand metric tons)</i>									
US	4.8	14.0	14.4	20.4	24.0	14.2	12.7	22.1	21.0
USSR	6.0	40.0	57.0	68.0	69.0	70.0	71.0	71.0	71.0

Table 7 (continued)
Commodity Production of the US and the USSR ^a

Commodity	1960	1970	1975	1980	1981	1982	1983	1984	1985
<i>Primary aluminum (thousand metric tons)</i>									
US	1,827	3,607	3,519	4,654	4,489	3,274	3,353	4,099	3,500
USSR	565	1,640	2,345	2,705	2,720	2,735	2,795	2,879	2,940
<i>Lead (thousand metric tons)</i>									
US	347	605	577	550	498	517	515	397	491
USSR	300	470	540	560	560	560	565	582	NA
<i>Refined zinc (thousand metric tons)</i>									
US	788	866	450	370	397	302	305	331	329
USSR	360	690	820	820	820	820	825	850	NA
<i>Gold (million troy ounces)</i>									
US	1.7	1.7	1.0	1.0	1.4	1.5	2.0	2.1	2.5
USSR	3.6	7.0	8.3	10.2	10.5	10.6	10.7	NA	NA
<i>Synthetic ammonia (million metric tons of N)</i>									
US	3.6	10.3	12.2	14.7	14.2	11.8	10.5	12.5	12.1
USSR	1.1	6.3	9.9	13.8	14.7	14.6	16.9	17.7	19.1
<i>Mineral fertilizer (million metric tons, nutrient content)</i>									
US ^b	7.4	15.8	18.2	23.4	18.6	17.1	20.0	22.2	NA
USSR	3.3	13.1	22.0	24.8	26.0	26.7	29.7	30.8	33.2
<i>Nitrogen fertilizer (million metric tons of N)</i>									
US ^b	2.7	8.2	9.6	11.8	10.4	9.1	10.8	12.6	NA
USSR	1.0	5.4	8.5	10.2	10.7	11.6	13.0	13.3	14.5
<i>Plastics (million metric tons)</i>									
US	2.8	9.7	10.2	12.8	13.5	12.9	14.7	16.0	15.7
USSR	0.3	1.7	2.8	3.6	4.1	4.1	4.4	4.8	5.0
<i>Synthetic rubber (million metric tons)</i>									
US	1.5	2.2	2.0	2.2	2.2	1.8	2.0	2.2	2.0
USSR	0.3	0.9	1.4	1.9	1.9	1.8	1.8	2.0	2.0
<i>Trucks and buses (millions)</i>									
US	1.2	1.7	2.3	1.7	1.7	1.9	2.4	3.1	3.4
USSR	0.4	0.6	0.8	0.9	0.9	0.9	0.9	0.9	NA
<i>Automobiles (millions)</i>									
US	6.7	6.5	6.7	6.4	6.2	5.0	6.7	7.6	8.0
USSR	0.1	0.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3

Table 7 (continued)
Commodity Production of the US and the USSR ^a

Commodity	1960	1970	1975	1980	1981	1982	1983	1984	1985
<i>Newsprint (million metric tons)</i>									
US	1.8	3.0	3.2	4.2	4.8	4.6	4.7	5.0	4.9
USSR	0.4	1.1	1.4	1.3	1.5	1.5	1.5	1.6	NA
<i>Cement (million metric tons)</i>									
US	56.1	67.4	61.8	68.2	65.0	57.5	63.9	70.5	72.6
USSR	45.5	95.2	122.1	125.0	127.2	123.7	128.2	130.0	131.0
<i>Grain (million metric tons)</i>									
US	181.3	186.7	249.2	269.7	333.4	332.9	207.5	314.6	346.5
USSR	125.6	186.8	140.1	189.1	160.0	180.0	190.0	170.0	190.0
<i>Wheat (million metric tons)</i>									
US	36.9	36.8	57.9	64.6	76.2	76.5	65.9	70.6	66.0
USSR	64.3	99.7	66.2	98.2	80.0	86.0	79.0	73.0	83.0
<i>Coarse grain (million metric tons)</i>									
US	141.9	146.1	185.5	198.4	249.0	250.7	137.1	237.7	274.3
USSR	61.1	85.8	71.9	88.3	72.0	86.0	99.0	86.0	94.0
<i>Potatoes (million metric tons)</i>									
US	11.7	14.8	14.6	13.7	15.4	16.0	15.1	16.3	16.5
USSR	84.4	96.8	88.7	67.0	72.1	78.2	82.9	85.5	73.0
<i>Sugar (million metric tons)</i>									
US	3.6	5.3	6.0	5.3	5.8	5.4	5.2	5.3	5.4
USSR	6.9	11.1	11.3	11.0	10.3	13.1	13.5	13.6	12.8
<i>Meat (million metric tons)</i>									
US	12.8	22.5	23.0	24.2	24.6	23.9	25.0	25.3	25.7
USSR	8.7	12.3	15.0	15.1	15.2	15.4	16.4	17.0	17.1
<i>Milk (million metric tons)</i>									
US	53.7	53.3	52.3	58.3	60.2	61.5	63.4	61.4	65.0
USSR	61.7	83.0	90.8	90.9	88.9	91.0	96.5	97.9	98.2
<i>Ginned cotton (thousand metric tons)</i>									
US	3,107	2,219	1,808	2,422	3,405	2,605	1,692	2,826	2,947
USSR	1,458	2,343	2,524	2,959	2,881	2,673	2,610	2,584	2,670

^a For more detailed definitions, exceptions, and methodology refer to the commodity tables.

^b Fertilizer year beginning 1 July of the stated year.

Aggregative Trends

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Table 8
Estimated Real Gross National Product ^a

Billions 1985 US \$

	1960	1970	1975	1980	1981	1982	1983	1984	1985
World	5,330	8,690	10,500	12,500	12,700	12,700	13,000	13,600	14,000
Developed countries	3,480	5,560	6,480	7,710	7,860	7,820	8,040	8,440	8,670
United States	1,858.6	2,696.6	3,008.1	3,557.3	3,625.9	3,533.8	3,658.3	3,897.6	3,988.5
Australia	57.7	95.5	115.0	131.3	136.0	137.3	138.0	146.7	153.0
Canada	120.0	199.4	254.8	297.1	306.8	293.2	302.9	317.0	331.3
Japan	292.7	683.8	858.7	1,096.2	1,136.5	1,171.5	1,209.5	1,270.8	1,328.6
Spain	52.1	108.2	141.5	155.9	156.4	158.0	161.9	165.6	169.3
Sweden	47.7	75.6	85.9	91.8	91.5	92.2	94.5	97.7	100.0
Switzerland	48.1	76.3	79.5	86.4	87.6	86.7	87.2	89.0	91.9
European Community	1,020	1,590	1,830	2,120	2,120	2,120	2,150	2,200	2,250
Belgium	34.8	57.6	68.2	78.1	76.9	77.8	77.8	79.0	79.9
France	195.1	337.1	410.1	481.5	483.8	492.5	496.1	504.3	510.3
Italy	145.0	252.6	284.6	343.6	344.2	342.4	341.0	349.7	357.8
Netherlands	53.2	87.2	106.4	121.1	120.3	118.2	119.7	121.7	124.2
United Kingdom	254.3	336.9	374.6	407.3	401.6	407.3	421.4	428.8	443.2
West Germany	289.5	448.5	497.5	587.3	587.4	581.7	590.7	608.6	623.2
Less developed countries	484	914	1,280	1,670	1,690	1,710	1,710	1,770	1,820
Argentina	36.7	56.5	65.5	71.8	67.6	63.6	64.9	66.2	63.3
Brazil	40.8	87.7	146.8	203.7	196.8	196.8	188.9	197.2	213.6
China (Taiwan)	8.1	19.3	28.3	46.7	49.3	51.0	54.1	57.7	60.1
Egypt	5.5	8.1	10.6	16.0	17.3	18.2	19.2	20.5	21.2
India	78.8	114.8	130.7	156.1	164.1	165.0	175.7	183.6	190.0
Mexico	36.8	72.6	96.9	133.5	144.3	145.8	138.5	143.3	147.2
Pakistan	11.9	13.3	15.2	20.5	21.7	23.0	24.7	26.0	28.2
Philippines	11.0	18.2	25.0	33.8	34.9	35.6	36.0	34.0	32.7
South Korea	12.5	28.0	44.3	61.8	65.9	69.6	76.0	82.0	86.2
Thailand	7.8	14.7	20.0	28.8	30.6	31.9	33.7	35.8	37.2
OPEC									
Indonesia	21.3	30.8	45.4	66.5	71.7	73.4	76.5	79.5	80.7
Nigeria	25.2	33.9	49.3	64.5	63.0	56.0	55.5	52.2	53.4
Saudi Arabia	16.1	43.2	78.7	125.8	135.9	143.0	132.9	134.0	133.6
Venezuela	17.2	31.1	39.6	47.5	47.5	46.5	44.7	45.4	45.3

Table 8 (continued)

Estimated Real Gross National Product ^a

Billion 1985 US \$

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Communist countries	1,370	2,210	2,700	3,070	3,100	3,170	3,260	3,380	3,470
USSR and Eastern Europe	1,230	1,940	2,350	2,620	2,640	2,690	2,750	2,830	2,870
USSR ^b	851.2	1,393.4	1,660.5	1,860.2	1,885.5	1,927.4	1,970.7	2,028.0	2,062.6
Eastern Europe ^c	374	547	694	762	754	761	775	801	812
Bulgaria	23.4	41.2	51.8	54.4	55.9	57.6	56.6	58.2	57.8
Czechoslovakia	72.0	96.1	113.3	126.1	125.4	127.9	129.8	133.4	135.6
East Germany	88.4	120.1	142.3	159.6	162.9	162.2	165.0	170.3	174.4
Hungary	41.4	58.5	68.9	76.1	76.7	79.5	78.7	80.8	80.1
Poland	107.9	164.0	224.7	232.7	220.4	218.1	228.9	236.8	240.6
Romania	40.6	67.3	93.1	112.9	113.2	116.1	116.1	121.4	123.7
Other									
China	NA	130.2	169.9	228.0	239.1	259.0	282.5	316.4	354.3
Yugoslavia ^c	NA	74.3	92.7	122.2	123.7	125.7	126.5	129.1	129.4

^a Data for the non-Communist countries were converted from national currencies by using the 1985 Par Rate/Market Rate factors. Developed country data are from OECD sources.

^b The estimate of Soviet GNP presented here is expressed in "geometric mean dollars," which are derived by applying an average of the US- and Soviet-weighted purchasing power parity ratios to an estimate of Soviet GNP in rubles. As a result, geometric mean dollars are neither dollars nor rubles, but a mix of the two. They approximate an estimate falling midway between a comparison of the Soviet Union and the United States in dollars and one in rubles. The purchasing

power parity ratios used in this estimate are based on a study in 1976 dollar prices. The US GNP implicit price deflator rebased to 1985 was used to convert Soviet GNP to 1985 dollars.

^c The GNP estimates for Eastern Europe and Yugoslavia are not comparable to those for the non-Communist countries in this table. Comparable non-Communist country GNP estimates are in Table 10, the first column marked "Purchasing Power Equivalents (Kravis)." GNP estimates for Hungary, Poland, and Romania are based on benchmark figures for 1975 in 1975 dollars in Kravis, Heston, and Summers, *World Product and Income: International Com-*

parisons of Real Gross Product, Baltimore: Johns Hopkins University Press, 1982. GNP indices in constant domestic currencies derived from official data were combined with the 1975 benchmarks to yield time series in 1975 dollars. The US GNP deflator was then applied to the series to convert 1975 dollars into 1985 dollars. For Bulgaria, Czechoslovakia, East Germany, and Yugoslavia, 1970 benchmarks were shifted to 1975 in proportion to the geometric mean of the benchmark shifts for Hungary, Poland, and Romania. The 1970 benchmarks were taken from *UN Economic Bulletin for Europe*, Vol. 31, No. 2, 1980.

Table 9

Gross National Product Price Deflators

Index: 1970=100

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States	73.6	100.0	141.2	204.0	223.8	238.1	247.1	257.4	266.0
Canada	74.4	100.0	151.2	232.6	257.2	283.7	298.7	307.1	317.8
Japan	61.1	100.0	161.2	200.0	205.4	208.9	209.9	211.2	213.3
European Community	66.4	100.0	157.7	260.3	289.6	316.8	340.0	359.0	377.8
France ^a	67.5	100.0	152.5	247.5	277.5	312.5	342.1	366.4	388.4
Italy ^a	64.1	100.0	176.7	395.3	467.6	550.8	635.1	703.1	766.3
Netherlands	62.2	100.0	157.1	210.5	222.7	235.4	238.1	244.5	249.9
United Kingdom ^a	66.2	100.0	185.2	369.0	412.2	442.7	464.8	485.3	509.6
West Germany	70.7	100.0	137.1	166.4	173.4	181.0	187.0	190.6	194.8

^a Gross domestic product deflators.

Table 10
Gross Domestic Product in Purchasing Power
and Exchange Rate Equivalents, 1984

	Purchasing Power Equivalents ^a (Kravis)	Purchasing Power Equivalents ^b (Gilbert)	Average 1985 Par Rate/ Market Rate	Average 1984 Exchange Rate	Average 1973 Exchange Rate	February 1973 Exchange Rate	May 1972 Exchange Rate	April 1971 Exchange Rate
Gross Domestic Product, 1985 (Billion US \$)								
OECD								
Belgium	123.4	125.8	79.9	82.1	121.7	117.6	105.9	94.9
Denmark	68.4	59.8	54.8	56.1	96.0	92.5	83.2	77.5
France	723.3	696.8	510.3	524.7	1,029.7	996.8	896.3	825.6
Italy	510.0	443.2	357.8	388.8	1,171.8	1,205.8	1,174.9	1,093.1
Japan	1,667.1	1,360.0	1,328.6	1,334.3	1,164.3	1,173.8	1,029.0	880.3
Netherlands	171.9	146.2	124.2	128.6	147.6	141.3	127.1	114.0
United Kingdom	576.3	544.8	443.2	456.9	838.4	851.3	890.8	820.5
West Germany	865.8	709.5	623.2	644.7	687.2	632.7	569.3	501.3
Gross Domestic Product Per Capita, 1985 (United States = 100)								
OECD								
Belgium	75	76	48	50	74	71	64	58
Denmark	80	70	64	66	113	108	98	91
France	79	76	55	57	112	108	97	90
Italy	53	46	37	41	123	126	123	115
Japan	83	67	66	66	58	58	51	44
Netherlands	71	60	51	53	61	58	53	47
United Kingdom	61	58	47	48	89	90	94	87
West Germany	85	70	61	63	67	62	56	49

^a For the individual OECD countries, the ratios for converting GDP in national currencies at 1985 prices into 1985 US dollars on the basis of purchasing power equivalents are derived from the 1975 ratios in *World Product and Income: International Comparisons of Real GDP*, published for the World Bank by the Johns Hopkins University Press, Baltimore and London, 1981, using the geometric mean of foreign and US weighted ratios. These 1975 GDP parities were moved to 1985 by applying the following factor: the derived price index for each OECD country for 1976-85 divided by a derived price index for the United States for 1976-85. These price indexes were derived for each

country by dividing the growth of GDP in current prices by the growth of GDP in constant prices. The ratios thus obtained were applied to the GDP values, given in the national currencies in 1985 prices.

^b For the individual European OECD countries, the ratios for converting GDP in national currencies at 1985 prices into 1985 US dollars on the basis of US purchasing power equivalents are derived from the 1950 ratios in Milton Gilbert and Associates, *Comparative National Products and Price Levels*, OEEC, Paris, 1958, using the geometric mean

of European and US weighted ratios. These 1950 ratios were moved to 1985 by applying the following factor: the derived price index for each European country for 1951-85 divided by a derived price index for the United States for 1951-85. The ratios thus obtained were applied to the GDP values, given in the national currencies in 1985 prices.

Table 11

Gross National Product, by End Use,
in the US and the USSR, 1985^a

	Billion 1970 Rubles		Billion 1976 US \$		Geometric Mean of the Comparisons in Dollars and Rubles
	USSR ^b	US	USSR	US	
GNP	572.2	1,355.6	1,405.8	2,251.8	51.3
Of which:					
Consumption	326.9	990.3	758.5	1,489.2	41.0
New fixed investment	179.5	216.3	476.2	439.7	94.8

^a A generally preferred procedure for making international economic comparisons is to convert each country's GNP to the currency of the other. Two comparisons can then be made, one in rubles and one in dollars. The two comparisons will yield different answers. This phenomenon is commonly known as the "index number problem," and it results from differences in the relative price and quantity structures found in each country. Goods produced in relatively large quantities in either country tend to sell at relatively low prices in that country, and vice versa. Soviet GNP is, therefore, a larger share of US GNP when comparisons are made in dollars since dollars place a greater weight than ruble prices do on investment and defense goods, which account for larger shares of output in the Soviet Union than in the United States.

The important point about index numbers is that valuations in either rubles or dollars are equally correct. When a single estimate is required, economists by convention often resort to the geometric mean of the two as a reasonable point estimate that falls between the ruble and dollar comparisons.

The geometric mean comparison is presented here, although the reader is cautioned that it is used for its presentational convenience and does not, strictly speaking, represent a more valid result than that presented in either currency.

The estimate of Soviet GNP in dollars presented here is not consistent with that given in Table 8, which is expressed in "geometric mean dollars" for consistency with the other data in that table. The approach used in this table, however, is theoretically preferable.

This comparison is based on GNP accounts in 1970 rubles and 1972 dollars rebased to 1976 dollars. Accounts based on 1982 prices are available for both countries, but work necessary to reflect these new prices in the comparisons is not yet complete.

^b The above Soviet GNP data in established prices should not be used in conjunction with Soviet foreign trade data appearing in Tables 63-65. These latter tables use official foreign exchange rates to derive dollar values for trade; we have yet to estimate the value of Soviet foreign trade in terms of actual purchasing power, which would allow for an estimate of the share of foreign trade in Soviet national income.

The magnitudes for the Soviet end-use components were calculated to measure value of output compared with the United States but not the cost in resources. The share of total economic resources devoted to a particular end use (such as defense) or the share of total output originating in an individual sector (for example, agriculture or industry) in the USSR should be measured in internal ruble prices and costs.

The identified end uses of GNP are defined as follows:
(1) Consumption includes personal expenditures for goods and services for all purposes and noninvestment outlays by government for goods and services for health and education.
(2) New fixed investment is defined as the sum of expenditures for gross private domestic investment net of inventories; for public construction other than that for military facilities; and for equipment purchased by the government except that for defense. Since part of new fixed investment in the United States is capital repair, one-half of Soviet expenditures on capital repair is included in Soviet new fixed investment.

Other uses of GNP include defense, space, research and development, inventory change, administration, net exports, and a statistical discrepancy. The total value for these expenditures cannot be derived for the USSR by subtraction, however.

Table 12
Real Gross National Product Growth

	Average Annual Rate of Growth									
	1961-65	1966-70	1971-75	1976-80	1981	1982	1983	1984	1985	
OECD	5.0	4.6	3.1	3.6	1.9	-0.5	2.8	4.9	2.8	
United States	4.6	3.0	2.2	3.4	1.9	-2.5	3.5	6.5	2.3	
Australia	4.9	5.5	3.8	2.7	3.6	0.9	0.5	6.3	4.3	
Canada	5.6	4.8	5.0	3.1	3.3	-4.4	3.3	4.7	4.5	
Japan	6.8	11.2	4.7	5.0	3.7	3.1	3.2	5.1	4.6	
Spain	9.0	6.2	5.6	2.0	0.3	1.0	2.5	2.3	2.2	
Sweden	5.2	4.3	2.6	1.3	-0.3	0.8	2.4	3.4	2.3	
Switzerland	5.2	4.2	0.9	1.7	1.5	-1.1	0.6	2.0	3.2	
European Community	4.7	4.5	2.8	3.0	-0.2	0.3	1.3	2.3	2.2	
Belgium	5.1	5.3	3.5	2.8	-1.5	1.1	NEGL	1.5	1.1	
France	5.9	5.4	4.0	3.3	0.5	1.8	0.7	1.6	1.2	
Italy	5.2	6.2	2.5	3.9	0.2	-0.5	-0.4	2.6	2.3	
Netherlands	4.8	5.3	4.1	2.6	-0.7	-1.7	1.3	1.7	2.0	
United Kingdom	3.2	2.5	2.2	1.7	-1.4	1.4	3.5	1.8	3.4	
West Germany	4.7	4.2	2.1	3.4	NEGL	-1.0	1.5	3.0	2.4	
Less developed countries	6.3	6.7	7.0	5.5	1.4	0.9	0.4	3.0	3.1	
Communist countries										
USSR and Eastern Europe										
USSR ^a	4.7	5.0	3.0	2.3	1.5	2.5	3.4	1.4	1.2	
Eastern Europe	3.9	3.8	4.9	1.9	-1.0	0.9	1.8	3.3	1.4	
Bulgaria	6.4	5.1	4.7	1.0	2.7	3.2	-1.8	2.9	-0.8	
Czechoslovakia	2.4	3.4	3.4	2.2	-0.5	2.0	1.5	2.7	1.7	
East Germany	2.9	3.1	3.5	2.3	2.0	-0.4	1.8	3.2	2.4	
Hungary	3.9	3.0	3.3	2.0	0.7	3.7	-1.0	2.7	-0.9	
Poland	4.5	4.0	6.5	0.7	-5.3	-1.0	4.9	3.4	1.6	
Romania	5.4	4.9	6.7	3.9	0.2	2.6	0.0	4.6	1.8	
Other										
China	NA	NA	5.5	6.1	4.9	8.3	9.1	12.0	12.0	
North Korea	9.8	5.5	10.4	4.1	9.8	3.7	0.9	2.7	NA	
Yugoslavia	NA	NA	4.5	5.7	1.2	1.6	0.7	2.1	0.2	

^a At factor cost.

Table 13

Real Gross National Product Per Capita Growth

Percent

Average Annual Rate of Growth									
	1961-65	1966-70	1971-75	1976-80	1981	1982	1983	1984	1985
OECD									
United States	3.1	1.9	1.2	2.3	0.9	-3.5	2.6	5.6	1.5
Australia	2.8	3.5	1.7	1.6	2.1	-0.8	-0.8	4.2	2.9
Canada	3.7	3.1	3.7	2.1	1.7	-5.6	2.2	3.7	2.6
Japan	5.9	10.0	3.3	3.9	2.9	2.4	2.5	4.4	3.8
Sweden	4.5	3.5	2.2	1.0	-0.4	0.7	2.4	3.3	2.2
Switzerland	3.4	3.1	0.2	1.7	0.8	-1.7	0.5	2.7	2.7
European Community	3.7	3.8	2.2	2.8	-0.6	0.1	1.2	2.1	1.8
Belgium	4.4	4.8	3.2	2.6	-1.5	1.1	-0.1	1.6	0.9
France	4.5	4.5	3.2	2.8	-0.1	1.2	0.3	1.2	0.7
Italy	4.3	5.6	1.8	3.5	NEGL	-0.8	-0.8	2.3	2.0
Netherlands	3.4	4.1	3.2	1.9	-1.5	-2.1	0.9	1.8	1.6
United Kingdom	2.5	2.0	2.0	1.7	-2.1	1.4	3.4	1.6	2.1
West Germany	3.6	3.7	1.7	3.4	-0.2	-0.9	1.9	3.4	2.7
Communist countries									
USSR and Eastern Europe									
USSR	3.1	3.9	2.1	1.4	0.7	1.6	2.5	0.5	0.3
Eastern Europe	3.2	3.1	4.2	1.3	-1.4	0.5	1.4	2.9	1.1
Bulgaria	5.6	4.4	4.1	0.73	2.3	2.9	-2.0	2.7	-0.8
Czechoslovakia	1.7	3.2	2.7	1.5	-0.6	1.7	1.2	2.4	1.4
East Germany	3.0	3.1	3.7	2.5	2.1	-0.2	1.7	3.4	2.6
Hungary	3.6	2.7	3.0	1.6	-0.7	3.7	-0.9	2.9	-0.8
Poland	3.2	3.2	5.5	-0.2	-6.2	-1.9	4.0	2.5	0.8
Romania	4.7	3.6	5.7	3.0	-0.4	2.1	-0.3	4.2	1.5
Other									
China	NA	5.5	3.3	4.7	3.5	6.7	8.1	10.8	10.8
North Korea	6.6	2.7	7.3	3.7	6.2	1.7	-1.6	NEGL	NA
Yugoslavia	NA	NA	3.5	4.8	0.5	0.8	NEGL	1.3	-0.4

Table 14
Economic Indicators for Selected Non-OPEC
Less Developed Countries

	1973	1975	1979	1980	1981	1982	1983	1984	1985
<i>Percent change</i>									
Industrial production									
China (Taiwan)	20.5	5.4	8.1	6.8	3.5	-0.6	14.1	12.2	1.2
India	1.6	4.7	1.2	0.7	9.1	4.7	4.4	5.7	6.5
Mexico	10.1	4.7	11.2	9.8	7.3	-3.3	-8.0	4.3	5.1
South Korea	33.5	18.9	11.7	-1.8	12.8	5.0	15.8	15.0	4.0
Consumer price inflation									
Brazil	12.7	28.9	52.7	82.8	105.6	97.9	142.0	196.7	235.1
China (Taiwan)	8.2	5.2	9.8	19.0	16.3	3.1	1.4	NEGL	-0.2
India	17.8	5.6	2.5	11.4	13.0	7.9	11.9	6.4	6.3
Mexico	12.0	15.2	18.2	26.3	27.9	58.9	101.9	65.5	53.4
South Korea	3.2	25.3	18.3	28.7	21.3	7.3	3.4	2.3	2.5
Wholesale price inflation									
Brazil	15.3	27.8	55.9	106.5	108.2	92.0	168.2	236.2	225.7
China (Taiwan)	22.9	-5.1	13.8	21.5	7.6	-0.2	-1.4	-0.7	-2.6
India	16.4	4.0	11.4	20.3	12.2	2.5	7.8	7.0	5.6
Mexico	16.0	10.4	18.3	24.4	24.5	56.1	107.3	70.3	57.7
South Korea	6.9	26.1	18.8	38.9	20.4	4.7	0.2	0.7	0.9
Money supply									
Brazil	41.8	33.6	73.6	70.0	74.7	69.7	92.0	203.5	305.5
China (Taiwan)	49.3	26.9	7.7	22.7	13.8	14.6	18.4	9.3	12.2
India	16.5	8.1	20.8	12.3	15.7	17.4	12.6	18.5	15.0
Mexico	24.2	21.3	33.1	33.1	32.8	61.9	42.4	65.0	54.5
South Korea	51.4	26.1	20.7	16.3	4.7	45.6	17.0	0.6	15.6

Table 15

Economic Indicators for Selected Industrial Countries ^a

Percent

	Average Annual Rate of Growth							
	1961-70	1971-75	1976-80	1981	1982	1983	1984	1985
Industrial production								
United States	5.0	1.8	5.1	2.6	-7.2	5.9	11.6	2.3
Canada	6.2	4.0	3.4	0.5	-10.0	5.3	8.8	4.4
Japan	13.6	1.5	6.6	1.0	0.4	3.5	11.1	4.7
France	5.8	3.0	3.0	-2.6	-1.5	1.1	2.5	0.5
Italy	7.0	1.6	5.5	-1.6	-3.1	-3.2	3.3	1.2
United Kingdom	2.8	0.6	1.7	-3.9	2.1	3.9	1.3	4.6
West Germany	5.8	0.9	3.4	-2.3	-3.2	0.3	2.4	5.0
Consumer prices								
United States	2.7	6.7	8.9	10.3	6.2	3.2	4.3	3.5
Canada	2.7	7.3	8.7	12.5	10.8	5.8	4.3	4.0
Japan	5.7	11.5	6.5	4.9	2.6	1.8	2.3	2.0
France	4.1	8.8	10.5	13.3	12.0	9.5	7.7	5.8
Italy	3.9	11.3	16.3	19.3	16.4	14.9	10.6	8.6
United Kingdom	4.1	13.0	14.4	11.9	8.6	4.6	5.0	6.1
West Germany	2.6	6.1	4.0	6.0	5.3	3.3	2.4	2.2
Export prices (unit values, US dollar basis)								
United States	2.0	12.0	8.3	9.2	1.5	1.0	1.4	-0.6
Canada	1.4	12.2	7.9	3.9	-2.0	-0.2	-0.4	-3.5
Japan	-0.4	12.5	8.0	5.5	-6.4	-2.4	0.2	-0.6
France	1.3	15.2	9.2	-12.0	-5.5	-4.8	-2.9	2.5
Italy	0.5	14.3	10.9	-7.8	-3.0	-4.4	-5.2	-0.3
United Kingdom	NA	12.7	15.6	-5.1	-7.3	-6.2	-5.1	2.3
West Germany	2.6	16.0	10.5	-14.9	-2.8	-3.2	-7.1	0
Import prices (unit values, US dollar basis)								
United States	1.5	16.7	12.5	5.3	-2.0	-3.7	1.7	-2.4
Canada	1.4	10.6	8.2	8.7	-1.1	0.6	1.0	-2.1
Japan	0.6	20.4	12.5	3.6	-7.4	-5.0	-2.8	-4.3
France	0.6	16.0	10.5	-7.8	-7.2	-7.0	-3.8	-0.3
Italy	1.1	19.6	12.5	1.0	-5.3	-6.6	-3.7	-1.0
United Kingdom	NA	17.0	12.2	-6.0	-6.1	-5.7	-4.5	0.5
West Germany	1.5	16.1	12.8	-8.6	-4.7	-5.2	-4.8	-1.5

Table 15 (continued)
Economic Indicators for Selected Industrial Countries ^a

Percent

	Average Annual Rate of Growth							
	1961-70	1971-75	1976-80	1981	1982	1983	1984	1985
Productivity in manufacturing (output per hour)								
United States	2.7	2.8	1.8	2.2	2.2	6.6	5.0	2.8
Canada	4.3	3.5	2.3	2.1	-2.9	6.5	3.6	3.2
Japan	10.8	6.2	6.9	3.7	6.1	5.4	7.0	5.1
France	6.7	4.9	4.8	3.9	6.1	4.7	4.4	3.9
Italy	7.1	4.6	5.1	3.5	2.0	2.6	6.6	3.0
United Kingdom	3.7	4.0	1.4	6.6	4.4	7.5	4.1	2.8
West Germany	5.9	4.8	3.8	2.2	1.4	5.7	4.8	5.8
Unit labor costs in manufacturing (in US dollars)								
United States	1.9	5.3	7.3	7.3	6.1	-2.8	-1.2	1.5
Canada	0.4	7.8	5.3	10.9	10.2	1.0	-6.8	-3.4
Japan	3.2	17.3	6.1	6.0	-12.1	2.5	-3.9	-2.8
France	1.2	16.3	9.0	-13.8	-8.1	-7.1	-9.0	-0.1
Italy	4.6	15.6	6.3	-10.7	-0.7	1.1	-11.0	-1.5
United Kingdom	2.1	13.1	16.7	-7.0	-9.7	-13.1	-9.7	2.4
West Germany	5.2	15.6	10.8	-15.6	-4.2	-5.3	-10.4	-3.0
Export volume								
United States	5.9	7.4	6.6	-3.0	-10.5	-6.4	7.0	-0.8
Canada	9.8	2.8	6.2	2.5	0.4	8.2	22.6	3.2
Japan	17.5	9.9	9.5	10.1	-2.2	8.4	15.4	4.0
France	8.5	7.6	6.7	2.9	-2.9	3.3	5.3	2.5
Italy	12.8	6.2	5.9	6.6	1.1	4.2	5.1	5.0
United Kingdom	4.8	4.5	5.1	-0.7	3.2	1.6	8.6	7.2
West Germany	9.5	4.6	6.2	6.6	2.9	-0.2	9.6	7.2
Import volume								
United States	8.7	2.5	6.6	0.9	-4.6	9.9	23.9	8.2
Canada	7.9	9.2	3.2	3.0	-16.2	15.4	20.6	5.0
Japan	14.7	3.9	6.2	-2.6	-0.7	1.6	10.8	0.5
France	10.9	6.2	8.8	-3.4	2.9	-1.6	2.4	2.8
Italy	11.0	0.7	7.5	-8.8	0.3	0.8	7.3	10.2
United Kingdom	4.4	3.9	3.4	-2.7	5.1	8.5	9.4	4.0
West Germany	10.3	3.5	6.4	-5.0	1.0	4.0	5.5	4.8

^a Growth rates were derived from unrounded data.

Table 16

Agricultural Production Index

1970=100

	1965	1970	1975	1980	1981	1982	1983	1984	1985
Developed countries	92	100	113	123	128	130	121	131	132
United States	98	100	113	123	140	138	113	132	139
Canada	107	100	116	133	146	156	147	143	148
European Community									
France	95	100	108	126	122	135	127	135	133
Italy	89	100	108	122	120	118	129	121	125
United Kingdom	92	100	105	123	122	127	129	138	132
West Germany	85	100	102	112	112	121	117	122	118
Less developed countries	85	100	115	131	137	138	143	146	150
Africa	88	100	108	119	121	126	123	129	134
Far East	81	100	116	130	141	140	150	154	157
Latin America	88	100	114	134	141	142	142	147	150
Middle East	85	100	122	136	141	145	145	144	147
Communist countries									
USSR and Eastern Europe									
USSR ^a	84	100	98	103	102	109	116	115	115
Eastern Europe ^b	91	100	120	127	124	128	127	136	135
Bulgaria	91	100	110	117	123	130	122	127	114
Czechoslovakia	83	100	114	125	124	126	132	135	136
East Germany	94	100	118	126	128	121	125	132	137
Hungary	91	100	125	145	141	155	153	160	150
Poland	92	100	118	114	105	111	107	113	115
Romania	91	100	133	156	149	158	158	180	179
Other									
China ^c	82	100	121	156	166	184	202	231	NA
North Korea ^d	90	100	154	131	180	191	183	189	NA
Yugoslavia	87	100	117	134	136	145	143	144	137

^a Estimates based on the value of crop production plus the value of livestock output and changes in livestock numbers, but minus feed, seed, and waste.

^b Index of gross value of agricultural output.

^c Based on official grain claims.

^d Estimates based on the value of crop production plus the value of livestock products, with allowance for changes in

Table 17
Index of Industrial Production for Communist Countries

	1960	1970	1975	1980	1981	1982	1983	1984	1985 ^a
USSR and Eastern Europe^b									
USSR									
Official	44	100	143	178	184	190	198	206	214
Adjusted	54	100	130	148	150	151	155	159	163
Eastern Europe									
Adjusted	55	100	130	147	144	144	148	152	155
Bulgaria									
Official	34	100	155	206	216	226	236	246	255
Adjusted	34	100	132	156	160	164	167	169	173
Czechoslovakia									
Official	55	100	138	174	177	179	184	192	198
Adjusted	64	100	121	139	141	143	146	148	152
East Germany									
Official	55	100	137	174	182	188	196	204	213
Adjusted	65	100	118	137	141	141	143	148	151
Hungary									
Official	51	100	136	161	165	170	172	177	179
Adjusted	56	100	114	127	129	131	132	135	137
Poland									
Official	45	100	164	207	184	180	192	202	210
Adjusted	51	100	144	148	129	126	133	137	140
Romania									
Official	30	100	184	289	297	300	314	335	351
Adjusted	35	100	155	193	193	196	200	204	208
Other									
North Korea^c									
Official	30	100	228	433	476	556	NA	NA	NA
Yugoslavia									
Official	46	100	146	203	212	213	215	226	233
Adjusted	NA	100	132	187	190	191	193	197	202

^a Preliminary.

^b The official indexes purportedly measure changes in the gross value of industrial production. In general, the gross value of production equals the sum of the value of output of all industrial enterprises. As a result, since both intermediate and final goods are included in the value of output of each enterprise, industrial products are double counted. For example, steel used in producing automobiles is counted in the value of both steel output and automobile output. In

addition to overstatement in the official indicator from this source, disguised inflation also enters the index through new-product pricing, where minor product improvements result in a new-product price that is substantially higher than can be justified by either improved quality or increased production costs. Because output of these "new" products grows from a small base, their rates of growth will proceed at a higher rate than those of "old" products.

Adjusted indexes of industrial production—parallel to

those used by the Federal Reserve Board for measuring US industrial output—are constructed in order to circumvent most of these distortions, that is, price-weighted samples of products form output indexes for various industrial components and these component indexes are combined into an aggregate index for industry by use of 1982 value-added weights.

^c An adjusted index is not available.

Table 18

Index of Industrial Production for Selected Countries ^a

1970=100

	1960	1970	1975	1980	1981	1982	1983	1984	1985 ^b
OECD									
United States	62	100	108	138	141	131	139	155	159
Canada	55	100	121	142	143	128	135	147	154
Japan	28	100	108	149	150	151	156	174	182
European Community									
France	62	100	115	133	130	128	129	132	133
Italy	50	100	108	129	127	123	119	123	124
United Kingdom	76	100	100	105	101	103	107	108	113
West Germany	60	100	101	120	117	113	114	117	122
Communist countries									
USSR and Eastern Europe									
USSR ^c	54	100	130	148	150	151	155	159	163
Eastern Europe	55	100	130	147	144	144	148	152	155
Bulgaria	34	100	132	156	160	164	167	169	173
Czechoslovakia	64	100	121	139	141	143	146	148	152
East Germany	65	100	118	137	141	141	143	148	151
Hungary	56	100	114	127	129	131	132	135	137
Poland	51	100	144	148	129	126	133	137	140
Romania	35	100	155	193	193	196	200	204	208
Other									
China ^d	57	100	159	240	250	269	297	339	400
Yugoslavia	NA	100	132	187	190	191	193	197	202

^a Indexes for the non-Communist countries are value-added weighted indexes of intermediate and final products of industry. Industry includes manufacturing, mining, and, in most countries, public utilities. The indexes for the Communist countries are estimates of CIA (see Table 17 for detailed explanation)—constructed as nearly as possible on the same basis as the indexes for Western countries—or other calculations accepted by CIA. The indexes for the Communist countries include manufacturing, mining, and public utilities.

^b Preliminary.

^c Index of gross values of output for individual commodities and branches are aggregated by 1982 value-added weights. The three sectors covered—materials, machinery, and non-durable consumer goods—constitute 50 percent, 33 percent, and 17 percent, respectively, of the value-added weights for industrial production. This index is as comparable as data will permit with the index of US industrial production of the US Federal Reserve Board.

^d CIA estimates for 1960-75 were computed by applying value-added weights to data for commodity production. The data are fragmentary and uncertain; therefore, the index should be regarded as providing only a tentative indication of the general level and trend in production. The index for 1980-85 follows the trend for reported gross value of industrial output.

Table 19
Defense Expenditures as a Share of Gross National Product

	1965	1970	1975	1977	1978	1979	1980	1981	1982	1983
OECD ^a										
Australia	4.4	3.3	2.2	2.4	2.3	2.3	2.3	2.4	2.5	2.8
Austria	1.2	1.1	1.1	1.1	1.2	1.2	1.1	1.1	1.3	1.3
Belgium	3.1	2.9	3.0	3.1	3.3	3.3	3.3	3.5	3.4	3.3
Canada	3.0	2.4	1.9	2.0	2.0	1.9	1.9	1.9	2.2	2.2
Denmark	2.8	2.3	2.5	2.3	2.4	2.7	2.5	2.5	2.6	2.5
Finland	1.7	1.5	1.5	1.4	1.4	1.5	1.7	1.5	1.6	1.5
France	5.2	4.2	3.8	3.9	4.0	3.9	4.0	4.2	4.2	4.2
Greece	3.5	4.7	6.6	6.8	6.5	6.1	5.5	6.8	6.7	6.2
Ireland	1.4	1.1	1.8	1.6	1.6	1.6	1.8	1.7	2.0	1.8
Italy	3.3	2.5	2.5	2.4	2.4	2.4	2.4	2.5	2.7	2.7
Japan	1.0	0.8	0.9	0.9	0.9	1.0	0.9	1.0	1.0	1.0
Luxembourg	1.4	0.8	0.8	0.8	0.8	0.8	0.9	0.9	1.0	1.0
Netherlands	4.0	3.4	3.2	3.3	3.1	3.2	3.1	3.2	3.3	3.2
New Zealand	2.1	2.0	1.7	1.7	1.7	1.6	1.9	2.1	2.2	2.2
Norway	3.8	3.5	3.3	3.2	3.3	3.2	3.0	3.0	3.1	3.2
Portugal	6.0	6.5	5.3	3.6	3.5	3.5	3.6	3.7	3.6	3.5
Spain	2.7	3.1	2.7	1.7	1.7	1.8	1.9	2.0	2.1	2.1
Sweden	3.9	3.6	3.3	3.3	3.3	3.2	3.1	3.2	3.3	3.3
Switzerland	2.6	2.1	1.9	2.0	2.0	2.1	2.0	1.9	2.0	1.9
Turkey	5.0	4.2	5.6	5.7	5.1	4.2	4.2	4.8	5.1	4.9
United Kingdom	5.9	4.7	4.9	4.8	4.6	4.7	5.1	4.9	5.1	5.4
United States	7.2	7.6	5.6	5.1	4.8	4.9	5.2	5.5	6.1	6.3
West Germany	4.3	3.3	3.6	3.3	3.3	3.2	3.3	3.4	3.4	3.4
Less developed countries	NA	5.8	6.2	5.8	5.8	5.6	5.5	5.7	5.9	5.8
OPEC	NA	5.6	8.6	7.9	9.0	7.3	7.6	8.5	9.2	9.5
Iran	NA	7.8	14.3	11.3	15.8	6.2	7.3	7.8	8.2	5.0
Nigeria	NA	5.9	5.5	4.0	3.6	2.8	2.8	2.8	1.4	2.5
Saudi Arabia	NA	11.9	17.4	15.3	15.9	18.1	14.4	12.9	15.7	24.3

^a Except for the United States, data are from the United States Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, based on the ratio of military expenditures to GNP at current market prices. Military expenditures are for current and capital expenditures to meet the needs of the armed forces, including expenditures of national defense agencies for military programs; expenditures for the military components of such mixed activities as atomic energy, space, and research and development; military assistance to foreign countries; and expenditures on paramilitary forces where they contribute substantially to a country's military capabilities.

Table 20

East European Debt, by Source

Million US \$

	1971	1975	1977	1978	1980	1981	1982	1983	1984	1985
Eastern Europe ^a	9,249	29,817	46,287	59,323	83,500	85,147	80,568	81,600	79,570	87,320
Commercial	5,316	23,097	36,186	47,480	61,555	58,902	52,778	46,660	41,110	46,345
Official	3,584	5,779	8,462	9,848	18,665	21,182	21,110	27,170	30,620	33,145
IMF/World Bank/Other	349	941	1,639	1,995	3,280	5,063	6,680	7,770	7,840	7,830
Bulgaria	743	2,640	3,707	4,263	3,550	3,050	2,750	2,390	2,260	3,170
Commercial	442	2,453	3,394	3,935	3,215	2,680	2,285	1,915	1,770	2,620
Official	301	187	313	328	335	370	465	475	490	550
Czechoslovakia	485	1,132	2,616	3,206	4,920	4,500	4,050	3,950	3,600	3,850
Commercial	284	926	2,290	2,798	4,060	3,695	3,110	2,935	2,565	2,855
Official	201	206	326	408	860	805	940	1,015	1,035	995
East Germany	1,408	5,388	7,828	9,666	14,100	14,900	13,000	12,840	12,150	13,950
Commercial	693	4,423	6,528	8,166	11,255	11,610	9,460	8,875	8,050	10,050
Official	715	965	1,300	1,500	2,845	3,290	3,540	3,965	4,100	3,900
Hungary	1,071	3,135	5,024	7,290	9,090	8,700	7,700	8,260	8,840	11,760
Commercial	968	3,081	4,965	7,197	8,790	8,335	6,940	6,950	6,940	9,770
Official	103	54	59	93	300	365	525	740	760	820
BIS/IMF	0	0	0	0	0	0	235	570	1,140	1,170
Poland	1,138	8,014	13,967	17,844	25,000	25,500	24,800	26,400	26,800	29,300
Commercial	340	5,910	9,928	12,705	14,900	14,215	13,640	10,900	9,400	10,600
Official	798	2,104	4,039	5,139	10,100	11,285	11,160	15,500	17,400	18,700
Romania	1,227	2,924	3,605	5,221	9,400	10,160	9,780	8,760	7,100	6,500
Commercial	585	2,024	2,306	3,609	6,545	6,167	5,415	4,770	3,430	2,950
Official	642	706	715	800	1,670	1,845	1,430	875	1,070	1,080
IMF/World Bank/ CEMA Banks	0	194	584	812	1,185	2,148	2,935	3,115	2,600	2,470
Yugoslavia	3,177	6,584	9,540	11,833	17,440	18,337	18,488	19,000	18,820	18,790
Commercial	2,004	4,280	6,775	9,070	12,790	12,200	11,928	10,315	8,955	7,500
Official	824	1,557	1,710	1,580	2,555	3,222	3,050	4,600	5,765	7,100
IMF/World Bank	349	747	1,055	1,183	2,095	2,915	3,510	4,085	4,100	4,190

^a Including data for Yugoslavia.

Table 21
Medium- and Long-Term Debt of Selected Less Developed Countries

	1975	1977	1979	1980	1981	1982	1983	1984	1985 ^a
Algeria	5.9	10.2	17.0	17.3	16.9	16.2	16.5	16.2	15.0
Argentina	4.9	7.5	12.7	15.9	24.3	30.5	31.5	32.0	33.0
Brazil	23.4	35.0	51.5	56.5	64.6	73.0	79.6	84.3	87.0
Chile	4.4	4.6	7.5	9.4	12.6	14.0	15.0	16.0	17.3
Ecuador	0.6	1.3	3.3	4.1	4.2	4.3	6.2	7.0	7.0
Egypt	5.1	8.3	12.2	13.8	15.2	15.4	17.2	18.5	19.0
India	12.7	15.0	17.5	19.2	19.9	21.7	23.5	25.3	25.9
Indonesia	8.7	12.3	16.1	18.1	19.5	22.8	26.5	29.1	31.0
Ivory Coast	0.9	2.0	3.8	4.6	4.9	5.6	5.4	5.5	5.9
Malaysia	1.8	2.6	3.8	4.4	6.6	10.2	12.9	16.2	17.0
Mexico	16.6	26.7	37.7	43.5	53.5	58.5	66.7	85.0	87.5
Morocco	1.8	4.3	6.7	7.5	8.4	9.8	10.3	11.0	11.5
Nigeria	1.4	1.7	4.2	5.2	6.0	10.3	15.7	17.2	17.5
Pakistan	5.4	6.9	8.3	9.2	9.2	9.8	10.4	10.7	11.0
Peru	4.4	6.3	7.3	7.4	7.7	8.6	9.9	10.9	11.3
Philippines	2.8	5.1	7.8	10.0	12.4	15.0	17.7	18.0	18.5
South Korea	6.0	9.5	15.5	17.6	20.0	23.9	26.6	31.6	33.0
Sudan	1.5	2.4	3.5	4.0	5.1	6.6	7.1	7.3	7.5
Taiwan	1.9	3.1	3.9	4.9	5.4	6.5	8.1	7.6	7.9
Thailand	1.4	2.0	4.1	5.8	7.3	8.5	9.7	11.1	11.6
Venezuela	2.3	6.3	12.3	14.2	15.9	19.6	20.1	18.5	18.0

^a Preliminary.

Table 22

Metal Prices

	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Aluminum ^a (US cents per pound)	27.23	24.50	28.72	39.79	71.64	77.30	76.00	77.70	81.00	81.00
Copper ^b (US cents per pound)	30.74	58.51	64.17	55.85	98.68	79.01	67.10	72.00	62.40	64.50
Lead ^c (US cents per pound)	9.02	14.39	13.78	18.66	41.10	32.90	24.70	19.30	20.00	17.70
Nickel ^d (US cents per pound)	74.00	78.70	129.00	205.83	347.25	346.60	320.00	320.00	320.00	320.00
Tin ^e (US cents per pound)	99.60	179.40	166.70	310.20	761.30	641.40	581.60	590.90	556.60	543.20
Zinc ^e (US cents per pound)	11.09	14.11	13.40	33.68	34.40	38.40	33.70	34.70	41.50	35.40
Silver ^f (US \$ per troy ounce)	0.91	1.29	1.77	4.42	20.70	10.53	7.90	11.40	8.10	6.10
Gold ^e (US \$ per troy ounce)	35.28	35.13	35.98	160.47	612.10	460.00	375.50	424.40	360.00	317.20
Platinum ^g (US \$ per troy ounce)	83.21	98.04	132.50	164.50	439.50	475.00	475.00	475.00	475.00	475.00
Iron ore ^h (US \$ per metric ton)	17.00	16.00	15.00	23.00	27.00	25.00	26.00	24.00	24.00	23.00
Manganese ore (US \$ per long ton)	45.00	39.00	28.00	70.60	78.50	82.10	79.90	73.30	69.80	68.40
Steel scrap ⁱ (US \$ per long ton)	33.20	34.27	44.95	71.86	91.20	92.00	63.10	73.20	86.40	74.40
Chrome ore ^j (US \$ per metric ton)	18.93	19.31	23.12	39.78	55.00	53.00	50.90	50.00	50.00	43.90
Finished steel composite ^k (US \$ per long ton)	139.00	142.60	171.30	293.40	486.20	543.50	567.30	590.20	611.60	617.80

^a Virgin unalloyed ingot at New York.^b London Metal Exchange electrolytic wirebars.^c London Metal Exchange refined pig lead, minimum 99.97 percent.^d US major producer of cathodes, spot, f.o.b. refinery.^e London Metal Exchange.^f US price (New York).^g Major producers, New York.^h Brazil (North Sea ports).ⁱ Number 1, heavy melting average.^j South African ports.^k Weighted index of steel shapes.

Table 23
Agricultural Prices

	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Beef ^a	NA	882	1,304	1,327	2,760	2,478	2,368	2,449	2,227	2,130
Cocoa ^b	NA	355	655	1,239	2,502	1,980	1,638	2,030	2,341	2,176
Coffee ^c	915	1,005	1,147	1,442	3,399	2,822	3,086	2,910	3,175	3,153
Corn ^d	57	64	66	130	150	150	123	148	150	125
Cotton ^e	NA	NA	NA	1,434	2,055	1,603	1,642	1,890	1,409	1,276
Palm oil ^f	228	273	260	429	583	571	445	502	730	501
Rice ^g	NA	NA	188	417	598	632	481	514	514	484
Rubber, natural ^h	842	567	465	659	1,620	1,252	1,000	1,239	1,093	926
Soybeans ⁱ	92	117	117	220	296	288	244	282	283	225
Soybean meal ^j	78	94	103	155	257	252	219	238	197	157
Soybean oil ^k	224	270	291	563	598	507	447	527	727	571
Sugar ^l	NA	47	83	452	640	496	186	188	114	89
Tea ^m	1,422	1,280	1,092	1,375	2,235	2,006	1,982	2,319	3,452	1,984
Wheat ⁿ	NA	NA	64	156	209	210	187	183	182	169

^a Boneless Australian, f.o.b., New York.^b New York cocoa bean futures prices. Average of nearest three active futures trading months.^c Other milks, New York.^d US No. 3 yellow, c.i.f., Rotterdam.^e World Cotton Prices, "A" index, c.i.f., OSAKA.^f Malaysian, Europe.^g US No. 2, milled, 4 percent, c.i.f., Rotterdam.^h Smoked sheets, New York.ⁱ US No. 2, yellow, c.i.f., Rotterdam.^j US, c.i.f., Rotterdam.^k Netherlands, f.o.b., ex-mill.^l World raw cane, f.o.b., Caribbean ports, spot prices.^m London, average price all teas.ⁿ US No. 2, DNS, c.i.f., Rotterdam.

Table 24

OPEC Countries: Crude Oil Official Sales Price ^a

US \$ per barrel

	1973 ^b	1974	1975	1979	1980	1982	1983	1984	1985
OPEC ^c	3.39	11.28	11.02	18.67	30.87	33.63	29.31	28.70	28.14
Algeria (42° API, 0.10% sulfur)	4.79	13.33	12.06	19.65	37.59	35.79	31.30	30.50	29.66
Ecuador (28° API, 0.93% sulfur)	3.67	10.58	11.05	22.41	34.42	32.96	27.59	27.50	26.41
Gabon (29° API, 1.26% sulfur)	3.32	9.56	10.47	18.20	31.09	34.00	29.82	29.00	28.09
Indonesia (35° API, 0.09% sulfur)	4.00	11.93	12.65	18.35	30.55	34.92	29.95	29.53	28.62
Iran (34° API, 1.35% sulfur)	3.24	11.10	10.91	19.45	34.54	31.05	28.61	28.00	28.13
Iraq (35° API, 1.95% sulfur)	3.03	10.77	10.74	18.56	30.30	34.86	30.32	29.43	28.27
Kuwait (31° API, 2.50% sulfur)	2.93	10.79	10.60	18.48	29.84	32.30	27.68	27.30	27.30
Libya (40° API, 0.22% sulfur)	4.82	13.90	11.71	21.16	36.07	35.69	30.91	30.40	30.40
Nigeria (34° API, 0.16% sulfur)	4.50	13.00	11.90	20.86	35.50	35.64	30.22	29.12	28.34
Qatar (40° API, 1.17% sulfur)	3.29	11.61	11.34	19.72	37.12	29.95	29.49	28.48	28.10
Saudi Arabia, Arab light (34° API, 1.70% sulfur)	3.06	10.89	10.72	17.26	28.67	34.00	29.46	29.00	28.08
United Arab Emirates (39° API, 0.75% sulfur)	3.30	11.57	11.13	19.81	31.57	34.74	30.38	29.56	28.24
Venezuela (26° API, 1.52% sulfur)	2.91	9.54	10.63	17.22	28.44	32.88	28.69	27.88	27.37

^a F.o.b. prices set by the government for direct sales and, in most cases, for the producing company buy-back oil.

^b Posted prices.

^c Weighted by the volume of production.

Table 25

Wholesale Price Index in Non-Communist Countries ^a

1970=100

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	85	100	148	224	245	254	259	264	266
Canada	81	100	168	269	297	315	328	343	352
Japan	89	100	149	192	194	195	194	194	192
European Community									
Belgium	82	100	136	161	172	184	190	196	201
France	77	100	149	217	246	268	298	337	351
Italy	77	100	192	394	465	534	599	658	711
Netherlands	81	100	138	177	193	205	203	214	219
United Kingdom	74	100	185	369	409	436	460	488	515
West Germany	88	100	133	161	171	179	181	187	190

^a Producer prices in manufacturing.

Table 26
Consumer Price Index

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	76	100	139	212	234	249	257	267	277
Canada	77	100	142	217	244	270	286	298	310
Japan	57	100	172	237	249	255	260	266	271
European Community									
Belgium	74	100	150	204	219	238	256	273	286
France	67	100	153	252	286	320	350	377	399
Italy	68	100	171	365	435	507	582	644	700
Netherlands	66	100	151	202	216	229	235	243	248
United Kingdom	67	100	184	360	403	437	458	480	510
West Germany	77	100	135	165	175	184	190	195	199
Communist countries									
USSR ^a	91	100	111	123	127	130	133	133	135
Eastern Europe ^b									
Bulgaria	73	100	116	161	168	168	175	180	186
Czechoslovakia	73	100	111	126	128	130	132	134	137
East Germany	89	100	102	112	114	117	118	119	119
Hungary	81	100	122	166	176	188	204	221	240
Poland	78	100	130	202	258	473	563	659	766
Romania	NA	100	116	144	157	183	193	195	197
Other									
China ^c	93	100	101	115	118	120	123	126	141
Yugoslavia	32	100	241	561	789	1,065	1,499	2,288	3,945

^a Implicit price index obtained from a comparison of indexes of goods sold in the retail trade network in constant and in current prices. The current price index is based on the values of total retail and collective farm market sales in current prices regularly published in Soviet statistical abstracts. The index in constant 1982 prices is derived from the goods components of the CIA index of total consumption. A more complete explanation of the methodology and a discussion of the relative merits of an "official" or "alternative" price

index are contained in "Soviet Economy in a New Perspective," US Congress, Joint Economic Committee, 14 October 1976, p. 631.

^b Calculated differently from that for the USSR; the official index of personal consumption in current prices was deflated by a calculated index of personal consumption in constant prices. An explanation of the methodology is presented in Thad P. Alton, Gregor Lazarek, Elizabeth M. Bass, and Wassyl Znayenko, "Official and Alternative Consumer

Price Indexes in Eastern Europe: Selected Years, 1960-81," *Occasional Paper No. 73 of the Research Project on National Income in East Central Europe* (NY: L. W. International Financial Research, Inc., 1982).

^c Cost-of-living index for workers and staff members. Chinese official statistics.

Table 27
Population

Million persons at midyear

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	641.7	715.8	751.2	780.8	786.8	792.4	797.8	802.8	807.7
United States	180.7	205.1	216.0	227.7	230.0	232.3	234.5	236.7	238.6
Australia	10.4	12.7	13.8	14.6	14.8	15.1	15.3	15.5	15.6
Austria	7.0	7.4	7.6	7.6	7.6	7.6	7.6	7.6	7.5
Canada	17.9	21.3	22.7	24.1	24.4	24.7	24.9	25.2	25.4
Finland	4.4	4.6	4.7	4.8	4.8	4.8	4.9	4.9	4.9
Iceland	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Japan	94.1	104.3	111.6	116.8	117.6	118.4	119.3	120.0	120.7
New Zealand	2.4	2.8	3.1	3.1	3.1	3.2	3.2	3.2	3.3
Norway	3.6	3.9	4.0	4.1	4.1	4.1	4.1	4.1	4.2
Portugal	9.0	9.0	9.4	9.8	9.9	9.9	10.0	10.0	10.0
Spain	30.6	33.9	35.6	37.5	37.8	38.1	38.3	38.6	38.8
Sweden	7.5	8.0	8.2	8.3	8.3	8.3	8.3	8.3	8.3
Switzerland	5.4	6.3	6.4	6.4	6.4	6.5	6.5	6.4	6.5
Turkey	28.2	35.8	40.5	45.1	46.2	47.3	48.4	49.5	50.7
European Community	240.3	260.5	267.5	270.7	271.5	271.9	272.3	272.6	272.8
Belgium	9.1	9.6	9.8	9.8	9.9	9.9	9.9	9.9	9.9
Denmark	4.6	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1
France	45.7	50.8	52.8	53.9	54.1	54.4	54.6	54.8	55.0
Greece	8.3	8.8	9.0	9.6	9.7	9.8	9.8	9.9	9.9
Ireland	2.8	2.9	3.0	3.2	3.4	3.5	3.5	3.5	3.6
Italy	50.2	53.7	55.6	56.5	56.5	56.6	56.8	57.0	57.1
Luxembourg	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Netherlands	11.5	13.0	13.7	14.1	14.2	14.3	14.4	14.4	14.5
United Kingdom	52.4	55.6	56.2	56.3	56.4	56.3	56.4	56.4	56.4
West Germany	55.4	60.7	61.8	61.6	61.7	61.6	61.4	61.2	61.0
Less developed countries									
Bangladesh	54.6	67.4	76.2	88.1	90.6	93.3	95.9	98.6	101.4
Burma	22.8	27.4	30.2	33.4	34.1	34.8	35.5	36.2	36.9
Brazil	71.7	95.7	108.7	123.0	126.3	129.6	132.9	136.3	139.8
Egypt	26.8	33.6	37.0	42.2	43.7	45.1	46.4	47.8	49.1
India	445.9	555.0	621.0	689.0	704.2	719.8	735.6	751.6	767.7
Indonesia	100.7	122.7	137.5	154.9	158.5	162.1	165.8	169.4	173.1

Table 27 (continued)
Population

Million persons at midyear

	1960	1970	1975	1980	1981	1982	1983	1984	1985
<i>Less developed countries (continued)</i>									
Iran	21.6	28.9	33.4	38.8	40.0	41.2	42.5	43.8	45.2
Mexico	38.6	52.8	61.5	70.1	71.9	73.8	75.7	77.7	79.7
Nigeria	51.1	66.8	77.1	90.0	93.0	95.9	97.7	99.9	102.8
Pakistan	50.4	65.7	74.7	85.2	88.4	91.5	94.1	96.6	99.2
Philippines	28.6	38.7	44.4	50.9	52.3	53.7	55.2	56.7	58.3
South Korea	25.1	33.0	36.7	39.6	40.1	40.7	41.4	42.0	42.6
Thailand	27.5	37.1	42.1	46.9	47.8	48.8	49.7	50.6	51.5
Communist countries	1,039.8	1,265.3	1,387.2	1,476.0	1,492.5	1,510.9	1,528.8	1,546.3	1,561.5
USSR and Eastern Europe	311.4	346.4	361.2	375.8	378.7	381.5	384.5	387.6	390.7
USSR	214.9	243.4	255.1	266.5	268.8	271.1	273.7	276.3	278.9
Eastern Europe	96.6	103.0	106.1	109.3	109.9	110.4	110.9	111.3	111.8
Bulgaria	7.9	8.5	8.7	8.9	8.9	8.9	8.9	9.0	9.0
Czechoslovakia	13.7	14.3	14.8	15.3	15.3	15.4	15.4	15.5	15.5
East Germany	17.1	17.1	16.8	16.7	16.7	16.7	16.7	16.7	16.7
Hungary	10.0	10.3	10.5	10.7	10.7	10.7	10.7	10.7	10.6
Poland	29.6	32.5	34.0	35.6	35.9	36.2	36.6	36.9	37.2
Romania	18.4	20.3	21.2	22.2	22.4	22.5	22.6	22.6	22.7
Other									
Albania	1.6	2.1	2.4	2.7	2.7	2.8	2.8	2.9	3.0
Cambodia	5.4	7.1	6.7	5.7	5.8	5.9	6.0	6.1	6.2
China	650.7	820.4	917.9	983.4	994.9	1,008.2	1,020.7	1,032.7	1,042.4
Cuba	7.0	8.5	9.3	9.7	9.7	9.8	9.9	10.0	10.1
Laos	2.3	2.8	3.2	3.3	3.3	3.4	3.5	3.5	3.6
Mongolia	0.9	1.2	1.4	1.7	1.7	1.8	1.8	1.8	1.9
North Korea	10.5	13.9	15.9	17.9	18.3	18.7	19.2	19.6	20.1
Vietnam	31.5	42.4	47.9	53.6	54.9	56.2	57.6	59.0	60.5
Yugoslavia	18.4	20.4	21.3	22.3	22.5	22.6	22.8	23.0	23.1

Table 28

Labor Force ^a

Million persons at midyear

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	71.49	84.89	95.45	108.54	110.32	111.87	113.23	115.24	117.17
Canada ^b	6.58	8.49	10.05	11.65	11.98	12.03	12.26	12.47	12.72
Japan ^b	44.33	50.97	52.77	55.98	56.56	57.22	58.35	58.72	59.06
European Community									
France	20.04	21.36	22.37	23.36	23.51	23.73	23.69	23.82	23.89
Italy	21.10	20.03	20.42	21.62	21.79	21.83	21.96	22.08	22.20
United Kingdom	24.06	24.88	25.47	26.20	26.20	26.20	26.33	26.86	27.27
West Germany ^b	26.28	26.74	26.65	27.03	27.14	27.17	27.18	27.22	27.54
Communist countries									
USSR and Eastern Europe	154	174	187	199	201	202	203	205	NA
USSR ^c	110.13	125.61	135.77	146.07	147.75	149.22	150.52	151.67	152.65
Eastern Europe	44.2	48.8	51.1	52.6	52.9	52.6	52.7	52.9	NA
Bulgaria ^d	3.96	4.15	4.31	4.37	4.42	4.44	4.46	4.44	NA
Czechoslovakia ^d	6.01	6.87	7.06	7.36	7.40	7.44	7.46	7.53	NA
East Germany ^{d e}	7.69	7.76	7.95	8.22	8.30	8.37	8.44	8.50	NA
Hungary ^{d e}	4.63	5.01	5.09	5.02	5.00	4.97	4.94	4.91	NA
Poland	12.40	15.18	16.57	17.32	17.42	16.99	16.95	16.99	NA
Romania ^{e f}	9.54	9.87	10.16	10.35	10.38	10.42	10.46	10.50	NA
Other									
China ^e	258.80	344.32	381.68	418.96	432.80	447.06	460.04	475.97	NA
Cuba	NA	4.18 ^g	4.45	4.99	5.22	5.43	NA	NA	NA
Vietnam ^h	8.50	10.95	12.50	26.50	27.50	27.90	29.00	30.10	31.20
Yugoslavia	8.29	8.81	9.31	9.80	9.89	9.98	10.07	10.17	NA

^a Unless otherwise indicated, data include the armed forces and the unemployed.^d Employment data.^e Data are as of the end of the year.^b Annual averages of monthly data.^f Excluding the armed forces.^c Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen^g Data are for 1971.^h Excluding the armed forces and prior to 1980 South Vietnam.

Rapawy, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.

Agricultural Labor Force

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	5.57	3.57	3.50	3.53	3.52	3.57	3.54	3.47	3.34
Canada	0.80	0.60	0.56	0.58	0.60	0.56	0.59	0.59	0.59
Japan	12.80	8.49	6.38	5.51	5.33	5.25	5.06	4.85	NA
European Community									
France	4.30	2.82	2.10	1.84	1.79	1.74	1.69	NA	NA
Italy	6.51	3.84	3.24	2.90	2.73	2.52	2.52	2.39	NA
United Kingdom	1.12	0.78	0.68	0.65	0.64	0.64	0.6	0.62	0.62
West Germany	3.62	2.26	1.77	1.44	1.40	1.38	1.30	1.30	NA
Communist countries									
USSR and Eastern Europe	63.7	52.4	47.7	44.2	43.7	43.1	42.4	41.8	41.2
USSR ^a	45.44	37.50	34.85	32.19	31.66	31.13	30.60	30.07	29.54
Eastern Europe	18.3	14.9	12.5	12.1	12.0	12.0	11.8	11.7	11.6
Bulgaria	2.16	1.46	1.19	1.04	1.02	0.99	0.96	0.93	0.91
Czechoslovakia	1.47	1.18	1.02	0.95	0.95	0.95	0.93	0.94	0.95
East Germany	1.30	0.96	0.85	0.83	0.84	0.84	0.85	0.87	0.88
Hungary	1.74	1.18	1.02	0.99	0.99	1.02	1.02	1.00	0.89
Poland	5.37	5.21	4.86	5.14	5.20	5.17	5.06	4.96	4.95
Romania	6.23	4.94	3.93	3.11	3.03	2.99	3.00	3.03	3.03
Other									
China ^b	170.19	278.14	294.60	302.11	311.71	320.13	325.10	325.33	NA
Cuba	NA	0.92 ^c	0.92	0.77	0.77	0.77	0.79	0.78	NA
Vietnam ^d	6.50	7.65	8.70	15.65	15.70	15.70	15.80	15.90	16.00
Yugoslavia ^e	4.68	3.98	3.34	2.63	2.49	2.36	2.25	2.13	2.03

^a Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen Rapawy, Foreign Economic Report No. 10, US Department of Commerce, September 1976, p. 19.

^b Yearend data.

^c Data are for 1971.

^d Including South Vietnam beginning in 1980.

^e Employment data.

Table 30

Nonagricultural Labor Force ^a

Million persons at midyear

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	65.92	81.32	91.95	105.02	106.80	108.30	109.64	111.77	113.83
Canada	5.79	7.88	9.49	11.06	11.38	11.48	11.67	11.89	12.13
Japan	31.53	42.48	46.39	50.47	51.23	51.97	53.29	53.87	NA
European Community									
France	15.74	18.54	20.27	21.52	21.72	21.99	22.00	NA	NA
Italy	14.59	16.19	17.18	18.72	19.06	19.30	19.44	19.69	19.94
United Kingdom	22.94	24.10	24.79	25.55	25.56	25.56	25.70	26.24	26.65
West Germany	22.66	24.48	24.88	25.59	25.74	25.79	25.79	25.83	NA
Communist countries									
USSR and Eastern Europe	90.7	122	139	154	157	159	161	163	NA
USSR ^b	64.70	88.11	100.92	113.88	116.09	118.08	119.92	121.60	131.11
Eastern Europe	26.0	33.9	38.3	40.6	40.9	40.7	40.9	41.1	NA
Bulgaria	1.80	2.69	3.12	3.33	3.40	3.45	3.50	3.51	NA
Czechoslovakia	4.54	5.69	6.04	6.41	6.45	6.49	6.53	6.59	NA
East Germany	6.39	6.81	7.10	7.39	7.46	7.53	7.59	7.63	NA
Hungary	2.89	3.83	4.07	4.03	4.01	3.95	3.92	3.91	NA
Poland	7.03	9.97	11.71	12.18	12.22	11.82	11.89	12.03	NA
Romania ^c	3.31	4.93	6.23	7.24	7.35	7.43	7.46	7.47	NA
Other									
China ^d	88.61	66.18	87.08	116.85	121.09	126.93	134.94	150.59	NA
Cuba ^e	NA	3.26 ^f	3.53	4.22	4.45	4.66	NA	NA	NA
Vietnam ^g	2.00	3.30	3.80	10.85	11.80	12.20	13.20	14.20	15.20
Yugoslavia ^h	3.61	4.83	5.98	7.17	7.40	7.62	7.86	8.03	NA

^a Unless otherwise indicated, data include the armed forces.^b Data are from *Estimates and Projections of the Labor Force and Civilian Employment in the USSR*, by Stephen^c Rapawy, Foreign Economic Report No. 10, US Department

of Commerce, September 1976, p. 19.

^d Excluding the armed forces.^e Excluding those employed abroad and the armed forces.^f Data are for 1971.^g Excluding the armed forces and prior to 1980, South

Vietnam.

^h Excluding those employed abroad and the armed forces.

Table 31
Industrial Employment ^a

Million persons, annual average

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	22.00	26.08	25.30	29.14	29.00	27.07	27.02	28.62	28.80
Canada	1.91	2.36	2.61	2.93	2.98	2.70	2.62	2.72	2.76
Japan	12.38	17.88	18.37	19.18	19.30	19.21	19.47	19.63	NA
European Community									
France	6.98	7.92	7.85	7.41	7.20	7.06	6.85	NA	NA
Italy	6.86	7.59	7.66	7.77	7.72	7.59	7.40	7.04	6.89
United Kingdom	10.90	10.53	9.65	9.07	8.25	7.86	7.50	7.45	7.40
West Germany	11.91	12.46	11.24	11.15	10.88	10.47	10.11	10.01	NA
Communist countries									
USSR and Eastern Europe									
USSR	34.8	47.2	51.4	55.0	55.5	55.6	55.9	56.1	NA
	22.62	31.59	34.05	36.89	37.24	37.61	37.83	37.96	38.09
Eastern Europe	12.2	15.6	17.45	18.1	18.2	18.0	18.0	18.1	NA
Bulgaria	0.77	1.16	1.30	1.37	1.39	1.40	1.41	1.41	NA
Czechoslovakia	2.25	2.63	2.71	2.78	2.80	2.81	2.82	2.83	NA
East Germany ^b	3.18	3.26	3.30	3.39	3.42	3.44	3.46	3.48	NA
Hungary ^b	1.35	1.78	1.79	1.65	1.62	1.58	1.55	1.54	NA
Poland	3.16	4.45	5.15	5.24	5.24	4.99	4.97	5.00	NA
Romania ^b	1.44	2.28	3.11	3.68	3.75	3.81	3.84	3.87	NA
Other									
China ^b	29.79	28.09	42.84	56.00	57.96	59.30	60.23	63.38	NA
Cuba ^c	NA	0.57 ^d	0.68	0.85	0.87	0.89	0.91	0.97	NA
Vietnam ^c	0.75	1.10	1.25	2.15	2.25	2.25	2.25	2.35	2.35
Yugoslavia	1.07	1.44	1.82	2.16	2.24	2.31	2.37	2.44	NA

^a Including employment in manufacturing, mining, and construction.
^b Yearend data.

^c State sector only.

^d Data are for 1971.

^e Including South Vietnam beginning in 1980.

Table 32

Big Seven: Unemployment Rates ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States	5.5	4.9	8.5	7.1	7.5	9.6	9.4	7.4	7.1
Canada	7.0	5.7	6.9	7.5	7.5	11.1	11.9	11.3	10.5
France	1.8	2.6	4.3	6.2	7.6	8.4	8.6	9.6	10.0
Italy ^b	3.8	3.1	3.2	3.8	4.2	4.6	5.0	5.2	5.4
Japan	1.7	1.2	1.9	2.0	2.2	2.4	2.7	2.7	2.6
United Kingdom ^c	2.2	3.1	4.1	6.5	10.0	11.6	12.4	12.4	12.9
West Germany	1.1	0.6	4.1	4.0	5.6	7.7	9.2	9.1	9.3

^a Unemployment as a share of total civilian labor force.^b Data adjusted to US concepts.^c Excluding Northern Ireland.

Table 33

Big Seven: Personal Savings Rates ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States	5.8	8.1	9.2	7.1	7.5	6.8	5.5	6.5	4.6
Canada	3.3	5.3	10.9	12.3	14.2	15.2	13.3	12.5	12.1
Japan	17.4	18.2	22.1	19.2	19.7	17.6	17.3	17.0	17.2
France	9.8	16.7	18.6	14.9	15.8	15.7	14.4	13.5	12.4
Italy	NA	21.6	23.2	22.0	23.4	22.7	22.1	21.9	NA
United Kingdom	7.2	9.3	12.7	15.0	13.3	12.8	11.6	12.2	11.7
West Germany	8.5	14.7	16.2	14.1	14.7	13.8	12.5	13.0	12.9

^a Savings as a share of disposable personal income.

Table 34

Foreign Trade Exchange Rates of the Communist Countries ^a

Units per US \$

Unit of Currency		1971	1973	1975	1977	1979	1980	1981	1982	1983	1984	1985
USSR	Ruble	0.900	0.739	0.720	0.737	0.655	0.649	0.719	0.726	0.743	0.816	0.838
Eastern Europe												
Bulgaria	Lev	1.17	0.97	0.97	0.95	0.86	0.86	0.95	0.95	0.97	0.97	1.04
Czechoslovakia	Koruna	7.20	5.84	5.58	5.64	5.31	5.38	5.80	6.09	6.37	6.65	6.86
East Germany ^b	Deutsche mark east	4.20	3.48	3.48	3.48	3.48	3.30	3.32	3.46	3.54	3.64	3.75
Hungary ^c	Forint	11.74	9.50	8.57	40.96	35.58	32.54	34.31	36.63	42.67	48.04	50.09
Poland	Zloty	4.00	3.32	3.32	3.32	3.09	3.05	3.36	84.82	91.62	113.72	147.18
Romania	Leu	6.00	4.97	4.97	4.97	4.47	4.47	15.00	15.00	17.18	21.28	17.14
Other												
Albania	Lek	5.00	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14	4.14
Cambodia	Riel	NA	NA	NA	NA	NA	NA	NA	NA	4.00	4.00	NA
China	Yuan	2.39	2.01	1.96	1.86	1.56	1.50	1.71	1.89	1.98	2.32	2.94
Cuba	Peso	1.00	0.84	0.83	0.82	0.75	0.72	0.71	0.78	0.86	0.88	0.92
Laos	Kip	NA	NA	NA	NA	NA	30.00	30.00	35.00	35.00	NA	NA
Mongolia	Tugrik	NA	3.31	NA	3.30	3.11	NA	NA	3.23	NA	NA	NA
North Korea ^d	Won	2.36	2.06	2.02	2.02	1.79	1.77	1.85	2.00	NA	NA	NA
Vietnam	Dong	NA	NA	NA	2.30	2.17	2.80	9.00	9.00	11.00	10.50	12.00
Yugoslavia	Dinar	14.88	16.24	17.34	18.29	18.97	24.64	34.97	50.28	92.84	152.82	270.16

^a Average exchange rate for the year. Some countries also have special exchange rates for noncommercial transactions, such as diplomatic, tourist, and student expenditures and for personal remittances.

^b The unofficial rates actually used in East German accounting of foreign trade transactions. East Germany maintains that an East German mark is equivalent to a West German mark.

^c Since January 1976, Hungary has expressed the value of its foreign trade in domestic forints rather than diviza forints.

^d End of year rate. Noncommercial rate through 1977. Data for 1979-82 are estimated.

Soviet Economic Performance

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A useful starting point for analyzing the 1986-90 plan for the USSR is to compare it with earlier five-year plans and results. If official Soviet measures of actual growth are used in such comparisons, however, the extent of plan fulfillment is exaggerated. These measures are subject to upward bias because of hidden inflation and double counting—problems that appear not to affect plan figures.¹ CIA estimates of Soviet economic growth correct for this upward bias and, therefore, are

better suited than official statistics for comparisons with planned growth.

¹ For discussion of these problems, see Joint Economic Committee, Congress of the United States, *USSR: Measures of Economic Growth and Development*, 1950-80 (Washington, US Government Printing Office, 1982), pp.v-vi, 12-13, 212-215, 278-281; and CIA, *Comparing Planned and Actual Growth of Industrial Output in Centrally Planned Economies*, ER 80-10461, August 1980.

Table 35
USSR: Planned and Actual Economic Growth^a

	Average annual rate of growth				Percent
	1966-70	1971-75	1976-80	1981-85	1986-90
GNP					
Plan ^a	6.5 to 7.0	5.8	5.0	4.0	3.5 to 4.0
Actual ^b	5.0	3.0	2.3	2.0	NA
Industry					
Plan ^c	8.2	8.0	6.5	4.9	3.9 to 4.4
Actual ^b	6.2	5.4	2.6	2.0	NA
Agriculture					
Plan ^c	5.5	3.7	5.0	5.0	2.8 to 3.4
Actual ^d	3.7	-0.4	1.0	2.0	NA

^a Weighted average of growth rates of gross value of output from official Soviet plans for industry, agriculture, and other major sectors of origin. Weights are CIA estimates of value added in these sectors.

^b CIA estimate (1982 sector-of-origin factor-cost weights).

^c Official Soviet plan for growth of gross value of output.

^d CIA estimate of output net of feed, seed, and waste (1982 value).

To circumvent problems with official Soviet measures of economic growth, CIA constructs synthetic estimates of gross national product (GNP) and its major components. Total GNP covers value added by primary inputs of labor and capital in sectors of origin, such as industry and agriculture. Unlike Soviet statistics, CIA estimates of GNP:

- Avoid much of the hidden inflation problem by using quantity data—mostly from Soviet sources—on output of individual products, valued at prices of a fixed base year.
- Include depreciation and services that do not contribute directly to output of material goods.
- Provide improved measures of resource allocation and of growth in the economy's production potential^b by adjusting valuation from official prices to factor cost.

CIA estimates for industry, like those of GNP, are corrected for hidden inflation in Soviet measures. Moreover, value-added weights for these estimates eliminate much of the double counting—present in official statistics on gross value of output—of inputs sold from one producer to another.

CIA estimates for agriculture, net output, exclude agriculture's use of its own products as inputs but includes inputs from industry and other sectors. For estimating value added, inputs from industry and other sectors are also subtracted. Soviet statistics on gross values of output reflect a good deal of double counting within agriculture, but hidden inflation is not a significant problem.

All GNP estimates in this edition of the *Handbook* are based on values at 1982 factor cost rather than the 1970 values reported previously.

Table 36
USSR: CIA and Official Soviet Measures of Economic Growth

	Average annual rate of growth							Percent
	1966-70	1971-75	1976-80	1981	1982	1983	1984	1985
Total								
CIA ^a	5.3	3.3	2.3	1.3	2.2	3.3	1.4	1.2
Soviet ^b	7.7	5.7	4.3	3.3	3.9	4.2	3.2	3.5
Industry								
CIA ^c	6.2	5.4	2.6	1.2	0.8	2.6	2.5	2.8
Soviet ^d	8.5	7.4	4.4	3.4	2.9	4.2	4.1	3.9
Agriculture								
CIA ^e	3.7	-0.4	1.0	-0.5	6.2	6.8	-0.5	-1.7
Soviet ^d	4.2	0.8	1.6	-1.1	5.6	6.1	-0.1	0

^a Net material product derived from GNP by adjustments to exclude depreciation and services that do not contribute directly to output of material goods.

^b "National income produced," or net material product.

^c Value added.

^d Gross value of output.

^e Net output.

Table 37

USSR: Percent Distribution of Gross National Product at Factor Cost,^a by End Use

	1960	1970	1975	1980	1981	1982	1983	1984	1985 ^b
Total	100	100	100	100	100	100	100	100	100
Consumption ^c	51	49	50	50	50	50	49	50	50
Investment	22	24	26	28	29	30	30	30	30
New fixed ^d	17	20	20	22	23	23	23	23	23
Defense, administration, R&D, inventory change, net exports, and outlays n.e.c.	27	26	24	21	20	21	21	21	20

^a Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1982 end-use weights have been revised from an established price basis to a factor

cost basis by subtracting turnover taxes and profits and adding subsidies and implicit capital charges. These revised weights are then moved over time by indexes of the various end uses in constant prices.
^b Preliminary.

^c Including consumption of food, soft goods, durables, personal services, and personal and government outlays for education and health.

^d Including machinery and equipment, construction and other capital outlays, and net additions to livestock.

Table 38

USSR: Growth of Gross National Product at Factor Cost, by End Use^a

	Average Annual Rate of Growth									
	1961-65	1966-70	1971-75	1976-80	1981-85	1981	1982	1983	1984	1985 ^b
Total	4.7	5.0	3.0	2.3	2.0	1.5	2.5	3.4	1.4	1.2
Consumption ^c	3.4	5.3	3.3	2.5	2.0	2.0	1.0	2.0	2.9	2.0
Investment	7.1	5.3	4.2	4.1	3.2	4.8	4.1	3.8	1.1	2.1
New fixed ^d	6.8	5.8	3.5	3.6	3.1	4.6	4.5	3.8	1.4	1.6
Defense, administration, R&D, inventory change, net exports, and outlays n.e.c.	5.1	4.1	1.3	-0.2	0.4	-4.0	3.9	6.3	-1.7	-2.3

^a Because of the well-known difficulties in using Soviet established prices as a measure of resource burden, the shares of GNP in this table are based on GNP at factor cost. In calculating GNP at factor cost, 1982 end-use weights have been revised from an established price basis to a factor

cost basis by subtracting turnover taxes and profits and adding subsidies and implicit capital charges. These revised weights are then moved over time by indexes of the various end uses in constant prices.
^b Preliminary.

^c Including consumption of food, soft goods, durables, personal services, and personal and government outlays for education and health.

^d Including machinery and equipment, construction and other capital outlays, and net additions to livestock.

Table 39

USSR: Share of Gross National Product,^a by Sector of Origin

	1965	1970	1975	1981	1982	1983	1984	1985 ^b
GNP	100	100	100	100	100	100	100	100
Agriculture	30	28	22	19	20	21	20	19
Industry	28	30	34	34	34	33	34	34
Construction	7	7	8	8	8	8	8	8
Transportation	7	8	10	10	10	10	10	10
Communications	1	1	1	1	1	1	1	1
Trade	5	6	6	6	6	6	6	6
Services	18	17	18	18	18	18	18	18
Other ^c	3	3	3	3	2	2	2	2

^a Calculated at factor costs.^b Preliminary.^c Including salaries for military personnel.

Table 40

USSR: Growth of Gross National Product,^a by Sector of Origin

	Average annual rate of growth									
	1961-65	1966-70	1971-75	1976-80	1981-85	1981	1982	1983	1984	1985 ^b
GNP	4.7	5.0	3.0	2.3	2.0	1.5	2.5	3.4	1.4	1.2
Agriculture ^c	3.7	3.7	-0.4	1.0	2.0	-0.5	6.2	6.8	-0.5	-1.7
Industry	6.4	6.2	5.4	2.6	2.0	1.2	0.8	2.6	2.5	2.8
Construction	4.5	5.2	4.4	2.5	2.8	4.4	3.1	2.4	1.9	2.1
Transportation	10.2	7.2	6.6	3.6	2.3	4.1	1.2	2.8	1.6	2.1
Communications	7.3	8.6	6.4	4.7	3.8	4.3	2.2	3.5	4.7	4.4
Trade	4.8	7.0	4.3	2.8	1.9	2.2	0.7	2.2	2.7	1.7
Services	3.6	4.1	3.4	2.7	2.1	2.3	1.7	2.2	2.2	2.4
Other ^d	2.7	4.0	2.3	1.7	1.0	1.0	1.6	1.2	0.7	0.3

^a Calculated at factor cost.^b Preliminary.^c Excluding intra-agricultural use of farm products but does not make an adjustment for purchases by agriculture from other sectors.^d Including salaries for military personnel.

Table 41

USSR: Gross Fixed Capital Investment,
by Function and by Sector ^a

Billion rubles

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Total investment	47.6	92.2	128.5	150.9	156.5	161.9	171.0	174.3	179.5
By function									
Construction and installation	34.5	59.7	79.2	82.7	84.4	86.0	89.6	90.5	NA
Equipment	10.8	25.9	39.4	53.9	56.6	59.3	63.4	64.3	NA
Other capital outlays ^b	2.3	6.6	9.9	14.3	15.5	16.6	18.0	19.5	NA
By sector									
Industry	17.2	32.5	44.9	53.3	55.4	57.0	60.1	61.9	NA
Ferrous metallurgy	1.4	2.3	3.2	3.2	3.5	3.6	3.7	3.4	NA
Chemicals and petrochemicals	1.0	2.7	4.3	4.5	4.2	4.5	4.6	4.8	NA
Fuels and power	4.4	9.0	12.5	17.4	18.9	20.2	21.4	22.2	NA
Machine building and metalworking	2.0	6.8	10.8	13.1	13.6	13.7	14.6	14.9	NA
Construction materials	1.2	1.9	2.2	2.1	2.3	2.0	2.3	2.3	NA
Consumer goods	2.0	4.0	4.9	5.5	5.5	5.6	6.1	6.3	NA
Other ^c	5.2	5.8	7.0	7.5	7.4	7.4	7.4	8.0	NA
Construction industry	1.4	3.3	4.8	6.0	5.8	6.3	6.3	6.0	NA
Transport and communications	4.6	9.0	14.4	18.1	18.9	19.9	21.4	22.6	NA
Agriculture	6.1	16.0	26.1	29.8	30.5	31.0	32.1	31.0	NA
Housing	10.8	15.8	19.2	21.1	22.2	23.7	25.6	26.9	NA
Other sectors ^d	7.5	15.6	19.1	22.6	23.7	24.0	25.5	25.9	NA

^a The construction portion of gross fixed investment is reported in standard project costs ("estimate prices" in Soviet terminology) of 1 January 1984.

^b Other capital outlays are for surveys, designs, technical documentation, and the like.

^c Computed as a residual; includes investment in nonferrous metallurgy, timber, paper, woodworking, and miscellaneous other branches of industry.

^d Computed as a residual. It includes investment in such activities as trade, material and technical supplies, services and procurements; science, education, culture, and art; health, social insurance, physical culture, tourism, commercial economy, and personal services.

Table 42

USSR: Stock of Fixed Capital, by Sector ^a

Billion rubles

	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Total capital stock ^b	398	601	860	1,256	1,742	1,851	2,108	2,091	2,218	2,341
Industry	100	168	255	385	554	593	634	677	720	NA
Ferrous metallurgy	10	17	26	38	51	53	57	60	63	NA
Chemicals and petrochemicals	5	13	23	36	56	60	65	69	73	NA
Fuels and power	32	51	78	112	157	167	178	192	204	NA
Machine building and metalworking	18	32	51	82	129	139	149	160	172	NA
Construction materials	6	9	14	22	30	32	34	35	37	NA
Consumer goods	14	22	32	47	62	66	70	73	77	NA
Timber, woodworking, and paper	6	9	13	18	25	27	28	30	31	NA
Other	9	15	18	30	44	49	53	58	63	NA
Construction industry	7	12	22	35	55	60	66	71	76	NA
Trade, public dining, material, technical supply	11	20	31	47	66	70	73	78	83	NA
Agriculture ^b	54	77	106	167	238	254	272	288	306	NA
Transport and communications	54	83	117	171	237	252	268	286	304	NA
Housing	120	159	204	267	338	354	511	390	410	NA
Services	52	82	125	184	254	268	284	301	319	NA

^a The fixed capital series presented here is expressed in prices of 1973 with the value of stocks estimated as of 31 December of the respective year.

^b Including the value of basic herds.

Table 43

USSR: Aggregate Factor Productivity

Percent

	Average Annual Rate of Growth										Percent
	1961-65	1966-70	1971-75	1976-80	1981-85 ^a	1981	1982	1983	1984	1985 ^b	
Gross national product ^c	4.7	5.0	3.0	2.3	2.0	1.5	2.5	3.4	1.4	1.2	
Factor productivity	-0.1	0.6	-1.4	-1.4	-1.2	-1.8	-0.8	0.2	-1.7	-1.8	
Manhours	3.1	2.9	1.3	1.1	1.3	0.7	1.5	2.8	0.7	0.7	
Capital	-3.8	-2.3	-4.7	-4.4	-4.0	-4.6	-3.6	-2.7	-4.6	-4.6	
Land	4.5	5.0	2.9	2.4	2.1	1.6	2.6	3.3	1.6	1.2	
Combined inputs ^d	4.8	4.4	4.5	3.7	3.2	3.3	3.3	3.2	3.2	3.0	
Manhours	1.6	2.0	1.7	1.2	0.7	0.8	1.0	0.7	0.7	0.4	
Capital	8.8	7.4	8.0	6.9	6.3	6.4	6.3	6.3	6.2	6.1	
Land	0.2	NEGL	0.1	-0.1	-0.1	-0.1	-0.1	0.1	-0.1	NEGL	

^a For computing average annual rates of growth, the base year is the year prior to the stated period.

^b Preliminary.

^c Based on indexes of GNP (1982 rubles), by sector of origin, at factor cost.

^d Inputs of workhours, capital, and land are combined using weights of 51.2 percent, 45.8 percent, 3.0 percent, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages, social insurance deductions and other income), capital costs (depreciation and a calculated capital charge), and land rent in 1982, the base year for all indexes underlying the growth rate calculations.

Table 44

USSR: Industrial Factor Productivity

Percent

	Average Annual Rate of Growth										Percent
	1961-65	1966-70	1971-75	1976-80	1981-85 ^a	1981	1982	1983	1984	1985 ^b	
Industrial production	6.4	6.2	5.4	2.6	2.0	1.2	0.8	2.6	2.5	2.8	
Factor productivity	-1.2	-0.1	-0.2	-2.3	-2.1	-3.3	-3.4	-1.5	-1.3	-0.9	
Manhours	3.4	3.0	3.9	1.2	1.5	0.6	NEGL	2.2	2.4	2.4	
Capital	-4.5	-2.4	-3.1	-4.8	-4.7	-6.1	-5.8	-4.1	-4.0	-3.3	
Combined inputs ^c	7.7	6.3	5.6	5.0	4.1	4.7	4.3	4.1	3.9	3.8	
Manhours	2.9	3.1	1.5	1.4	0.5	0.7	0.8	0.4	0.1	0.4	
Capital	11.4	8.8	8.7	7.7	7.0	7.8	7.0	6.9	6.8	6.4	

^a For computing average annual rates of growth, the base year is the year prior to the stated period.

^b Preliminary.

^c Inputs of workhours and capital are combined using weights of 42.6 percent and 57.4 percent, respectively, in a Cobb-Douglas (linear homogeneous) production function. These weights represent the distribution of labor costs (wages, social insurance deductions and other income) and capital costs (depreciation and a calculated capital charge) in 1982, the base year for all indexes underlying the growth rate calculations.

Table 45
USSR: Industrial Production,
by Branch of Industry ^a

Percent

	Average annual Rate of growth									
	1961-65 ^b	1966-70 ^b	1971-75 ^b	1976-80 ^b	1981-85 ^b	1981	1982	1983	1984	1985 ^c
Industrial materials	6.8	5.8	5.3	2.1	2.2	1.7	1.3	3.2	2.5	2.3
Electricity	11.5	7.9	7.0	4.5	3.6	2.5	3.1	3.7	5.2	3.6
Fuels	7.0	5.6	5.4	3.4	1.0	1.4	1.6	1.2	0.9	0.2
Ferrous metals	7.2	5.1	3.9	0.8	0.8	-0.2	0	2.6	0.9	0.9
Nonferrous metals	8.0	7.8	5.7	1.5	2.0	0.3	0.8	3.0	3.0	3.0
Wood, pulp, and paper products	2.5	2.7	2.3	-0.7	2.0	1.9	0.5	2.9	2.7	2.2
Construction materials	5.2	5.7	5.1	0.6	1.2	1.3	0.1	2.0	1.3	1.4
Chemicals	12.3	9.0	8.4	3.6	4.3	4.0	2.1	6.9	3.5	5.2
Total machinery	6.8	6.9	6.7	3.8	1.6	0.2	-0.2	1.8	2.8	3.6
Producer durables	8.3	7.5	8.6	4.5	3.5	1.8	2.7	4.2	4.6	4.0
Consumer durables	9.6	8.9	13.0	3.9	3.2	2.8	2.0	3.0	3.9	4.0
Nondurable consumer goods	4.9	6.0	3.4	1.9	2.1	2.0	1.3	2.1	2.0	2.6
Soft goods	2.7	6.4	2.6	2.4	1.6	1.8	-0.5	1.2	2.8	2.9
Processed foods	7.0	5.7	4.2	1.4	2.3	2.2	2.8	2.9	1.3	2.4
Total industrial production	6.4	6.2	5.4	2.6	2.0	1.2	0.8	2.6	2.5	2.8

^a Based on CIA estimates rather than Soviet official series. The latter are believed to contain an upward bias in rates of growth because of double-counting and disguised inflation. The branch indexes shown above are formed by combining price-weighted samples of products into sector indexes, which in turn are combined into branch indexes using 1982 value-added weights. The indexes for industrial materials, consumer nondurables, and total industrial production are formed by combining the component branch indexes using 1982 value-added weights.

^b The base year is the year prior to the stated period. Rates of growth are derived from unrounded data.

^c Preliminary.

Table 46
USSR: Hard Currency Trade, by Commodity ^a

	Million US \$										Share of Total ^b			
	1970	1975	1980	1983	1984	1970	1975	1980	1983	1984	Percent			
Exports	2,405	9,443	27,784	32,428	31,726	19	28	31	29	28				
Petroleum and petroleum products	430	3,391	12,295	15,527	15,077	29	41	43	41	40				
Natural gas		220	2,704	3,194	3,754	2	34	48	38	44				
Coal and coke	106	402	366	177	209	26	29	22	10	12				
Machinery and equipment	141	560	1,468	1,932	1,626	5	9	12	17	14				
Ferrous metals	137	164	246	202	256	10	6	7	5	7				
Wood and wood products	365	714	1,500	853	810	44	37	49	33	31				
Chemicals	61	242	758	691	933	19	26	38	30	35				
Agricultural products	167	523	458	328	179	12	22	17	14	8				
Diamonds	175	478	1,304	NA	NA	NA	NA	NA	NA	NA				
Other	822	2,749	6,685	9,524	8,882	20	31	45	45	44				
Imports	2,711	14,257	26,070	27,715	27,292	23	38	36	34	34				
Grain	101	2,323	4,548	4,859	6,292	75	87	92	94	92				
Other agricultural products	657	1,760	4,717	4,172	3,008	30	27	35	33	25				
Machinery and equipment	927	4,593	6,039	6,998	5,818	22	37	26	23	20				
Rolled ferrous metals	285	2,627	3,606	3,712	3,457	48	79	78	77	75				
Chemicals	202	721	1,646	1,431	1,502	47	54	56	52	52				
Consumer goods	392	630	1,123	1,171	1,238	16	11	10	11	12				
Other	147	1,603	4,391	5,372	5,977	9	31	48	42	39				

^a Including all countries trading with the Soviet Union on a hard currency basis as of 1 January 1980.

^b The importance of hard currency trade is overstated for exports and understated for imports in Soviet statistics because of the artificial prices the USSR uses in its CEMA country trade.

Table 47

USSR: Hard Currency Trade With Non-Communist Countries, 1984-85 ^a

Million US \$

	1984		1985			
	Exports ^b	Imports	Balance	Exports ^b	Imports	Balance
Total	31,726	27,292	4,434	26,795	25,841	954
Developed countries	23,454	21,383	2,071	19,731	20,077	-346
Of which:						
Australia	27	592	-565	16	639	-623
Austria	944	1,096	-152	166	1,030	-864
Canada	23	1,726	-1,703	21	1,139	-1,118
France	3,010	2,186	824	2,609	1,924	685
Italy	3,882	1,629	2,253	2,961	1,590	1,371
Japan	1,033	2,527	-1,494	1,114	2,744	-1,630
Netherlands	1,983	340	1,643	1,184	376	808
Sweden	693	334	359	591	368	223
Switzerland	666	504	162	461	681	-220
United Kingdom	1,713	1,008	705	1,461	821	640
United States	376	3,480	-3,104	391	2,852	-2,461
West Germany	5,196	4,031	1,165	4,790	3,713	1,077
Less developed countries	8,272	5,909	2,363	7,064	5,764	1,300
Of which:						
Argentina	32	1,358	-1,326	75	1,476	-1,401
Brazil	117	458	-341	84	456	-372
Iraq	336	823	-487	321	668	-347
Libya	172	1,394	-1,222	100	1,053	-953

^a Official Soviet trade data on f.o.b. basis.^b Includes exports not specified by partner countries, which are believed to be deliveries of military goods.

Table 48

USSR: Hard Currency Balance of Payments

Million US \$

	1960	1970	1975	1980	1981	1982	1983	1984	1985 ^a
Trade balance	-250	-306	-4,814	1,714	200	4,433	4,713	4,434	954
Exports, f.o.b. ^b	768	2,405	9,443	27,784	27,978	31,977	32,428	31,726	26,795
Imports, f.o.b.	1,018	2,711	14,257	26,070	27,778	27,544	27,715	27,292	25,841
Net interest	-5	-80	-570	-710	-1,375	-1,200	-1,150	-1,050	-1,300
Other invisibles and hard currency trade not included elsewhere ^c	-65	500	760	900	1,000	1,100	1,100	1,100	1,100
Current account balance	-320	114	-4,624	1,904	-175	4,333	4,663	4,484	754
Borrowing from abroad ^d	90	290	5,400	-185	3,000	-865	500	-100	6,000
Change in assets ^e	0	-25	395	235	140	-1,575	400	-400	-2,000
Gold sales	200	0	725	1,580	2,700	1,100	750	1,000	1,800
Capital account balance	290	265	6,520	1,630	5,840	-1,340	1,650	500	5,800
Errors and omissions ^f	30	-379	-1,896	-3,534	-5,665	-2,993	-6,313	-4,984	-6,554

^a Estimated.^b Including military exports to the LDCs.^c Including estimated net receipts from tourism, transportation, and official transfers.^d Soviet drawings less repayments on Western credits.^e Net change in Soviet assets held with Western commercial banks.^f Including Soviet hard currency aid to and trade with other

CEMA countries and trade credits extended to finance

Soviet exports—including arms—to non-Communist hard

currency trade partners.

Table 49

USSR: Hard Currency Debt to the West

Billion US \$

	1971	1975	1979	1980	1981	1982	1983	1984	1985 ^a
Commercial debt	0.4	6.9	10.5	10.0	13.0	11.3	11.5	11.3	18.3
Government-backed debt	1.4	3.6	7.6	7.8	7.9	8.7	9.0	8.9	8.1
Gross debt	1.8	10.5	18.1	17.8	20.9	20.0	20.5	20.2	26.4
Assets with Western banks	1.2	3.1	8.8	8.6	8.4	10.0	9.6	10.0	12.0
Net debt	0.6	7.4	9.3	9.2	12.5	10.0	10.9	10.2	14.4
Debt service	0.3	1.8	4.2	4.7	5.4	5.8	6.0	6.1	6.4
Debt-service ratio (percent) ^b	10	15	16	15	17	16	17	18	20

^a Estimated.^b Debt service as a share of commodity export earnings plus sales of arms, gold, interest receipts, net invisibles, and transfers.

Table 50

USSR: Gold Production and Reserves

Million troy ounces

	Production	Reserves	Production	Reserves
1965	5.33	29.61	1977	54.72
1969	6.59	46.77	1978	49.08
1970	7.00	52.43	1979	50.83
1971	7.20	57.77	1980	58.22
1972	7.81	59.22	1981	60.72
1973	8.03	56.16	1982	68.10
1974	8.42	59.02	1983	76.87
1975	8.29	61.08	1984	NA
1976	8.87	57.77	1985	NA

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Table 51

Exports by Selected Non-Communist Countries ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OECD	84,723	127,088	222,485	574,593	1,062,424	1,252,177	1,231,655	1,169,722	1,154,225	1,231,580	NA
United States	20,601	27,530	43,241	108,112	182,025	220,786	233,739	212,276	200,538	217,890	213,144
Australia	2,050	3,005	4,771	11,943	18,667	22,031	21,767	21,987	20,635	23,528	22,767
Austria	1,120	1,600	2,857	7,519	15,481	17,489	15,841	15,642	15,428	15,739	17,239
Canada	5,813	8,449	16,747	34,080	58,297	67,734	72,726	71,234	76,461	90,291	90,635
Japan	4,055	8,452	19,318	55,727	102,299	130,441	151,495	138,385	146,965	169,700	177,164
New Zealand	847	1,007	1,223	2,160	4,706	5,421	5,622	5,571	5,414	5,518	5,721
Norway	881	1,443	2,457	7,232	13,546	18,542	18,217	17,593	17,997	18,886	19,853
Portugal	327	577	950	1,939	3,593	4,640	4,148	4,164	4,599	5,201	5,685
Spain	725	935	2,388	7,691	18,208	20,720	20,333	20,498	19,734	23,564	24,247
Sweden	2,565	3,971	6,795	17,384	27,602	30,906	28,658	26,808	27,446	29,385	30,394
Switzerland	1,859	2,941	5,063	12,953	26,538	29,632	27,049	26,019	25,591	25,849	27,450
Turkey	321	464	588	1,401	2,261	2,910	4,703	5,746	5,728	7,134	NA
European Community	42,487	65,158	113,634	300,642	577,239	665,848	612,449	590,025	574,401	584,681	619,750
Belgium-Luxembourg	3,792	6,394	11,600	28,802	56,700	64,656	55,694	52,354	51,937	51,891	53,669
Denmark	1,494	2,320	3,356	8,712	14,696	16,982	16,095	15,382	16,042	15,981	17,067
France	6,867	10,176	18,098	53,118	100,691	116,030	106,424	96,694	94,943	97,566	101,674
Greece	203	328	643	2,278	3,885	5,153	4,246	4,298	4,413	4,811	4,539
Ireland	426	619	1,120	3,193	7,132	8,398	7,677	8,067	8,599	9,642	10,359
Italy	3,653	7,200	13,207	34,816	72,232	77,673	75,264	73,497	72,702	73,318	79,024
Netherlands	4,028	6,398	11,774	35,024	63,702	73,940	68,715	66,281	64,683	65,863	68,257
United Kingdom	10,609	13,810	19,608	44,523	86,397	110,155	102,244	97,017	91,641	93,881	101,248
West Germany	11,415	17,913	34,228	90,176	171,804	192,861	176,090	176,435	169,441	171,728	183,913
OPEC	7,390	10,299	16,835	113,449	211,511	303,348	280,081	223,569	180,384	NA	NA
Algeria	394	637	1,009	4,691	9,481	13,660	14,396	13,144	12,583	12,795	12,600
Ecuador	146	164	221	987	2,104	2,481	2,451	2,128	2,224	2,583	2,760
Gabon	47	105	143	943	1,848	2,531	2,200	2,160	2,000	2,018	1,671
Indonesia	841	708	1,108	7,102	15,590	21,909	22,260	22,293	21,152	21,902	NA
Iran	844	1,305	2,624	20,211	19,976	14,106	12,597	19,430	20,211	13,220	13,185
Iraq	467	710	847	8,297	21,431	26,278	10,530	10,250	9,785	NA	10,300
Kuwait	962	1,284	1,693	9,185	18,404	19,842	16,299	10,864	11,540	10,758	10,100
Libya	11	796	2,366	6,840	16,085	21,919	15,576	13,954	11,089	11,140	10,929
Nigeria	475	741	1,240	7,776	17,793	25,968	17,846	12,185	10,357	11,856	12,548

Table 51 (continued)
Exports by Selected Non-Communist Countries ^a

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OPEC (continued)											
Qatar	126	163	237	1,809	3,733	5,672	5,691	4,252	3,338	4,513	3,543
Saudi Arabia	772	1,258	2,204	29,838	57,154	109,083	119,876	79,077	45,861	36,832	28,000
United Arab Emirates	NA	NA	510	6,970	13,595	20,678	20,234	17,333	15,085	14,173	14,254
Venezuela	2,305	2,428	2,633	8,800	14,317	19,221	20,125	16,499	15,159	13,971	12,272
Other countries											
Argentina	1,079	1,493	1,773	2,961	7,810	8,021	9,143	7,625	7,836	8,107	8,398
Brazil	1,268	1,596	2,739	8,670	15,244	20,132	23,293	20,175	21,899	27,005	25,639
Chile	488	637	1,249	1,552	3,894	4,671	3,906	3,710	3,836	3,657	3,797
China (Taiwan) ^b	164	450	1,428	5,301	16,070	19,774	22,520	22,090	25,095	30,425	30,690
Colombia	465	539	736	1,465	3,300	3,945	2,956	3,095	3,081	3,462	NA
Dominican Republic	180	126	249	894	869	962	1,188	768	785	868	735
Egypt	568	605	762	1,402	1,840	3,047	3,233	3,120	3,214	3,140	3,714
El Salvador	117	189	236	531	1,131	1,074	797	699	735	725	NA
Guatemala	116	187	298	641	1,270	1,557	1,254	1,153	1,180	1,127	NA
Hong Kong	689	1,143	2,515	6,010	15,147	19,730	21,808	20,984	21,954	28,317	30,184
India	1,332	1,687	2,026	4,355	7,806	8,586	8,295	9,358	9,148	9,445	9,450
Israel	217	430	779	1,941	4,546	5,538	5,670	5,255	5,108	5,804	6,286
Jamaica	159	214	342	835	818	963	974	726	713	714	549
Lebanon	43	87	192	1,121	773	868	836	727	691	582	NA
Malaysia	1,186	1,236	1,686	3,831	11,079	12,945	11,770	12,030	14,104	16,484	15,442
Mexico	765	1,120	1,403	2,904	8,982	15,570	19,646	21,214	21,819	24,407	22,108
Morocco	354	430	488	1,543	1,959	2,441	2,386	2,062	2,006	2,171	NA
Pakistan	394	528	398	1,052	2,056	2,618	2,883	2,397	3,077	2,558	2,739
Peru	444	685	1,034	1,292	3,491	3,898	3,255	3,293	3,015	3,147	2,966
Philippines	624	698	1,041	2,295	4,567	5,741	5,655	4,968	4,890	5,274	4,607
Singapore	1,136	981	1,554	5,376	14,233	19,375	20,967	20,788	21,833	24,070	22,812
South Africa ^b	1,995	2,585	3,355	8,959	18,394	25,680	20,859	17,727	18,608	17,348	16,523
South Korea	33	175	835	5,081	15,055	17,505	21,254	21,853	24,445	29,245	29,566
Sri Lanka	385	409	342	566	981	1,062	1,088	1,031	1,063	1,467	1,333
Syria	113	169	203	930	1,644	2,108	2,103	2,026	1,910	1,853	NA
Thailand	411	622	710	2,208	5,298	6,505	7,031	6,945	6,368	7,413	7,120

^a Data are from the International Monetary Fund, *International Financial Statistics*. Exports are f.o.b.
^b Including data for Botswana, Lesotho, Swaziland, and Namibia.

Table 52

Imports by Selected Non-Communist Countries ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OECD	87,235	134,021	231,701	603,545	1,164,503	1,397,200	1,326,188	1,248,089	1,227,335	1,338,690	NA
United States	16,381	23,233	42,695	105,880	222,228	256,984	273,352	254,884	269,878	341,179	361,627
Australia	2,662	3,763	5,056	11,097	18,231	22,399	26,215	26,667	21,458	25,919	25,903
Austria	1,416	2,101	3,549	9,394	20,252	24,444	21,043	19,502	19,367	19,629	20,986
Canada	6,161	8,682	14,255	36,218	56,957	62,838	70,342	58,360	65,077	79,760	81,477
Japan	4,491	8,168	18,881	57,842	109,831	141,296	142,866	131,499	126,437	136,176	130,488
New Zealand	786	1,052	1,245	3,152	4,553	5,472	5,734	5,782	5,333	6,203	5,974
Norway	1,463	2,211	3,702	9,705	13,706	16,926	15,650	15,477	13,497	13,885	15,556
Portugal	545	924	1,583	3,841	6,776	9,309	9,800	9,572	8,240	7,961	7,652
Spain	722	3,040	4,747	16,264	25,438	34,078	32,150	31,465	29,193	28,831	29,963
Sweden	2,901	4,377	7,007	17,450	28,735	33,438	28,840	27,585	26,098	26,426	28,468
Switzerland	2,206	3,642	6,374	13,303	29,356	36,341	30,682	28,678	29,192	29,521	30,702
Turkey	468	572	948	4,739	5,069	7,909	8,933	8,843	9,235	10,757	NA
European Community	45,862	70,473	118,866	306,550	611,147	729,130	645,353	615,431	590,682	599,165	625,850
Belgium-Luxembourg	3,970	6,502	11,412	30,781	60,913	71,864	62,450	58,227	55,313	55,455	55,927
Denmark	1,805	2,823	4,407	10,368	18,402	19,428	17,575	16,691	16,257	16,612	18,230
France	6,282	10,384	19,132	53,964	107,008	134,889	120,953	115,714	105,416	103,739	107,768
Greece	702	1,134	1,958	5,321	9,614	10,548	8,810	10,026	9,500	9,435	10,134
Ireland	634	1,041	1,624	3,778	9,883	11,153	10,608	9,706	9,170	9,675	10,024
Italy	4,732	7,378	14,969	38,535	77,893	99,662	91,102	86,218	80,362	84,225	91,123
Netherlands	4,531	7,471	13,426	35,532	68,188	78,039	67,231	63,766	61,652	62,295	65,197
United Kingdom	13,034	16,128	21,991	53,341	99,600	115,545	102,710	99,713	100,071	104,722	108,957
West Germany	10,172	17,612	29,947	74,930	159,646	188,002	163,914	155,370	152,941	153,007	158,490
OPEC	5,403	6,359	9,916	52,040	98,751	133,001	156,960	162,846	144,428	126,666	NA
Algeria	1,264	672	1,257	6,008	8,403	10,826	11,269	10,754	10,393	10,286	9,000
Ecuador	114	165	274	987	1,600	2,253	2,246	1,989	1,465	1,716	1,606
Gabon	32	63	80	445	532	822	976	860	878	888	743
Indonesia	574	695	1,002	4,770	7,202	10,834	13,272	16,859	16,352	13,882	NA
Iran	560	859	1,662	10,343	9,738	12,246	12,499	14,164	18,327	14,840	13,500
Iraq	389	457	510	4,214	7,230	14,067	20,922	21,728	12,275	11,178	12,300
Kuwait	242	377	625	2,390	5,200	6,529	6,978	8,282	7,373	7,694	7,000
Libya	169	320	555	3,542	5,311	6,777	8,382	7,175	7,392	6,732	NA
Nigeria	604	770	1,059	6,041	10,231	16,469	20,877	16,060	12,254	9,364	NA
Qatar	32	70	65	413	1,425	1,440	1,518	1,947	1,456	1,162	NA

Table 52 (continued)
Imports by Selected Non-Communist Countries ^a

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OPEC (continued)											
Saudi Arabia	234	506	711	4,214	24,257	30,165	35,269	40,644	39,197	33,696	21,000
United Arab Emirates	NA	NA	267	2,669	6,952	8,746	9,646	9,440	8,356	7,634	7,350
Venezuela	1,189	1,405	1,849	6,004	10,670	11,827	13,106	12,944	8,710	7,594	8,178
Other countries											
Argentina	1,249	1,199	1,694	3,947	6,700	10,541	9,430	5,337	4,504	4,585	4,050
Brazil	1,462	1,096	2,849	13,592	19,804	24,961	24,079	21,069	16,801	15,210	14,346
Chile	526	604	941	1,338	4,218	5,124	6,364	3,528	2,969	3,191	2,743
China (Taiwan)	297	558	1,528	5,960	14,509	19,750	21,130	18,815	20,315	21,995	20,120
Colombia	519	454	843	1,495	3,233	4,663	5,199	5,478	4,968	4,498	NA
Dominican Republic	100	97	304	889	1,213	1,640	1,668	1,444	1,471	1,446	NA
Egypt	668	934	787	3,934	3,837	4,860	8,782	9,078	10,275	10,766	9,961
El Salvador	122	201	213	598	1,039	962	985	857	891	977	NA
Guatemala	121	229	284	733	1,504	1,598	1,674	1,388	1,135	1,277	NA
Hong Kong	1,026	1,569	2,905	6,757	17,137	22,409	24,765	23,553	24,013	28,567	29,705
India	2,303	2,838	2,124	6,381	9,827	14,864	15,418	14,786	14,061	15,067	17,000
Israel	556	829	2,117	6,099	8,668	9,705	10,217	9,597	9,660	9,889	NA
Jamaica	217	289	525	1,124	993	1,171	1,473	1,372	1,480	1,130	1,124
Lebanon	290	543	653	2,048	2,700	3,650	3,499	3,391	3,661	2,948	NA
Malaysia	910	1,097	1,418	3,554	7,849	10,779	11,550	12,418	13,262	14,051	12,302
Mexico	1,187	1,560	2,461	6,571	12,086	19,460	24,068	15,128	8,023	11,267	13,459
Morocco	413	453	684	2,567	3,678	4,255	4,400	4,315	3,592	3,911	NA
Pakistan	654	1,047	731	2,158	4,056	5,350	5,631	5,465	5,329	5,853	5,890
Peru	379	730	622	2,551	1,820	2,500	3,447	3,601	2,548	2,212	1,835
Philippines	715	894	1,236	3,756	6,571	8,295	8,479	8,263	7,976	6,432	5,459
Singapore	1,332	1,224	2,461	8,133	17,635	24,003	27,572	28,167	28,158	28,667	26,285
South Africa ^b	1,629	2,563	3,843	8,293	8,987	19,246	22,619	18,575	15,704	16,234	11,469
South Korea	344	463	1,984	7,274	20,339	22,292	26,131	24,251	26,192	30,631	31,129
Sri Lanka	413	310	386	753	1,451	2,057	1,905	2,015	1,935	1,869	1,950
Syria	239	213	361	1,685	3,329	4,118	5,040	4,014	4,542	4,116	NA
Thailand	447	742	1,299	3,280	7,158	9,214	9,955	8,549	10,287	10,398	9,231

^a Data are from the International Monetary Fund, *International Financial Statistics*. Imports are c.i.f. ^b Including data for Botswana, Lesotho, Swaziland, and Namibia.

Table 53

Trade Balance of Selected Non-Communist Countries

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OECD											
United States	-2,512	-6,933	-9,216	-28,952	-102,079	-145,023	-94,533	-78,367	-73,110	-107,110	NA
Australia	4,220	4,297	546	2,232	-40,203	-36,198	-39,613	-42,608	-69,340	-123,289	-148,483
Austria	-612	-758	-285	846	436	-368	-4,448	-4,680	-823	-2,391	-3,136
Canada	-296	-501	-692	-1,875	-4,771	-6,955	-5,202	-3,860	-3,939	-3,890	-3,746
Japan	-348	-233	2,492	-2,138	1,340	4,896	2,384	12,874	11,384	10,531	9,158
New Zealand	-436	284	437	-2,113	-7,532	-10,855	8,629	6,886	20,528	33,524	46,676
Norway	61	-45	-22	-992	-153	-51	-112	-211	81	-685	-253
Portugal	-582	-768	-1,245	-2,473	-160	1,616	2,567	2,116	4,500	5,001	4,297
Spain	-218	-347	-633	-1,902	-3,183	-4,669	-5,652	-5,408	-3,641	-2,760	-1,967
Sweden	3	-2,105	-2,359	-8,573	-7,230	-13,358	-11,817	-10,967	-9,459	-5,267	-5,716
Switzerland	-336	-406	-212	-66	-1,133	-2,532	-182	-777	1,348	2,959	1,926
Turkey	-347	-701	-1,311	-350	-2,818	-6,709	-3,633	-2,659	-3,601	-3,601	-3,252
European Community	-147	-108	-360	-3,338	-2,808	-4,999	-4,230	-3,097	-3,507	-3,623	NA
Belgium-Luxembourg	-3,375	-5,315	-5,232	-5,908	-33,908	-63,282	-32,904	-25,406	-16,281	-14,484	-6,100
Denmark	-178	-108	188	-1,979	-4,213	-7,208	-6,756	-5,873	-3,376	-3,564	-2,258
France	-311	-503	-1,051	-1,656	-3,706	-2,446	-1,480	-1,309	-215	-631	-1,163
Greece	585	-208	-1,034	-846	-6,317	-18,859	-14,529	-19,020	-10,473	-6,173	-6,094
Ireland	-499	-806	-1,315	-3,043	-5,729	-5,395	-4,564	-5,728	-5,087	-4,624	-5,595
Italy	-208	-422	-504	-585	-2,751	-2,755	-2,931	-1,639	-571	-33	335
Netherlands	-1,079	-178	-1,762	-3,719	-5,661	-21,989	-15,838	-12,721	-7,660	-10,907	-12,099
United Kingdom	-503	-1,073	-1,652	-508	-4,486	-4,099	1,484	2,515	3,031	3,568	3,060
West Germany	-2,425	-2,318	-2,383	-8,818	-13,203	-5,390	-466	-2,696	-8,430	-10,841	-7,709
OPEC	1,243	301	4,281	15,246	12,158	4,859	12,176	21,065	16,500	18,721	25,423
Algeria	2,031	4,194	7,510	61,409	112,760	170,347	123,121	60,723	35,956	NA	NA
Ecuador	-870	-35	-248	-1,317	1,078	2,834	3,127	2,390	2,190	2,509	3,600
Gabon	32	-1	-53	0	504	228	205	139	759	867	1,154
Indonesia	15	42	63	498	1,316	1,709	1,224	1,300	1,122	1,130	928
Iran	267	13	106	2,332	8,388	11,075	8,988	5,434	4,800	8,020	-315
Iraq	284	446	962	9,868	10,238	1,860	98	5,266	1,884	-1,620	NA
Kuwait	78	253	337	4,083	14,201	12,211	-10,392	-11,478	-2,490	NA	-2,000
Libya	720	907	1,068	6,795	13,204	13,313	9,321	2,582	4,167	3,064	3,100
Nigeria	-158	476	1,811	3,298	10,774	15,142	7,194	6,779	3,697	4,408	NA
Qatar	-129	-29	181	1,735	7,562	9,499	-3,031	-3,875	-1,897	2,492	3,671
	94	93	172	1,396	2,308	4,232	4,173	2,305	1,882	3,351	NA

Table 53 (continued)
Trade Balance by Selected Non-Communist Countries

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984	1985
OPEC (continued)											
Saudi Arabia	538	752	1,493	25,624	32,897	78,918	84,607	38,433	6,664	3,136	7,000
United Arab Emirates	NA	NA	243	4,301	6,643	11,932	10,588	7,893	6,729	6,539	6,904
Venezuela	1,116	1,023	784	2,796	3,647	7,394	7,019	3,555	6,449	6,377	4,094
Other countries											
Argentina	-170	294	79	-986	1,110	-2,520	-287	2,288	3,332	3,522	4,348
Brazil	-194	500	-110	-4,922	-4,560	-4,829	-786	-894	5,098	11,795	11,293
Chile	-38	33	308	214	-324	-453	-2,458	182	867	466	1,054
China (Taiwan)	-133	-108	-100	-659	1,561	24	1,390	3,275	4,780	8,430	10,570
Colombia	-54	85	-107	-30	67	-718	-2,243	-2,383	-1,887	-1,036	NA
Dominican Republic	80	29	-55	5	-344	-678	-480	-676	-686	-578	NA
Egypt	-100	-329	-25	-2,532	-1,997	-1,813	-5,549	-5,958	-7,061	-7,626	-6,247
El Salvador	-5	-12	-23	-67	92	112	-188	-158	-156	-252	NA
Guatemala	-5	-42	14	-92	-234	-41	-420	-235	45	-150	NA
Hong Kong	-337	-426	-390	-747	-1,990	-2,679	-2,957	-2,569	-2,059	-250	479
India	-971	-1,151	-98	-2,026	-2,021	-6,278	-7,123	-5,428	-4,913	-5,622	-7,550
Israel	-339	-399	-1,338	-4,158	-4,122	-4,167	-4,547	-4,342	-4,552	-4,085	NA
Jamaica	-58	-75	-183	-289	-175	-208	-499	-646	-767	-416	-575
Lebanon	-247	-456	-461	-927	-1,927	-2,782	-2,663	-2,664	-2,970	-2,366	NA
Malaysia	276	139	268	277	3,230	2,166	220	-388	842	2,433	3,140
Mexico	-422	-440	-1,058	-3,667	-3,104	-3,890	-4,422	6,086	13,796	13,140	8,649
Morocco	-59	-23	-196	-1,024	-1,719	-1,814	-2,014	-2,253	-1,586	-1,740	NA
Pakistan	-260	-519	-333	-1,106	-2,000	-2,732	-2,748	-3,068	-2,252	-3,295	-3,151
Peru	65	-45	412	-1,259	1,671	1,398	-192	-308	467	935	1,131
Philippines	-91	-196	-195	-1,461	-2,004	-2,554	-2,824	-3,295	-3,086	-1,158	-852
Singapore	-196	-243	-907	-2,757	-3,402	-4,628	-6,605	-7,379	-6,325	-4,597	-3,473
South Africa ^a	366	22	-488	666	9,407	6,434	-1,760	-849	2,904	1,114	5,054
South Korea	-311	-288	-1,149	-2,193	-5,284	-4,787	-4,877	-2,398	-1,747	-1,386	-1,563
Sri Lanka	-28	99	-44	-187	-470	-995	-817	-984	-872	-402	-617
Syria	-126	-44	-158	-755	-1,685	-2,010	-2,937	-1,988	-2,632	-2,263	NA
Thailand	-36	-120	-589	-1,072	-1,860	-2,709	-2,924	-1,604	-3,919	-2,985	-2,111

^a Including data for Botswana, Lesotho, Namibia, and Swaziland.

Table 54

Big Seven: Direction of Trade ^a

Million US \$

Exports to (<i>f.o.b.</i>)						Imports from (<i>c.i.f.</i>)											
						World	Big Seven	Other OECD	OPEC	Com-munist	Other	World	Big Seven	Other OECD	OPEC	Com-munist	Other
United States																	
1979	178,735	79,769	28,780	15,110	7,418	47,659	215,903	97,799	16,643	48,227	2,684	50,549					
1980	216,445	92,836	34,893	17,763	7,648	63,304	249,592	107,737	19,386	58,091	2,735	61,643					
1981	229,434	96,803	35,465	21,533	7,963	67,669	264,720	123,652	20,498	51,793	3,766	65,011					
1982	207,907	86,349	33,274	22,862	6,558	58,864	245,295	124,238	20,302	32,731	3,671	64,352					
1983	195,861	89,365	30,752	16,905	5,088	53,750	257,769	134,361	20,983	26,493	3,956	71,976					
1984	212,886	101,804	31,282	14,385	7,216	58,197	325,082	177,157	28,245	28,061	5,738	85,880					
1985	208,452	100,926	31,208	12,480	7,092	56,746	343,859	198,952	30,448	24,014	6,342	84,103					
Japan																	
1979	97,952	37,548	10,167	13,272	7,479	29,485	107,377	30,676	10,761	36,049	5,484	24,407					
1980	125,249	46,940	13,197	18,597	9,489	37,026	138,975	36,035	11,566	56,753	6,902	27,719					
1981	146,101	56,115	15,560	22,824	9,770	41,833	140,358	36,891	12,608	54,866	7,872	28,120					
1982	134,189	52,370	14,189	21,774	8,525	37,331	129,128	34,970	11,512	48,470	7,516	26,660					
1983	141,882	60,716	14,728	19,077	9,059	38,302	123,900	35,860	11,995	42,202	7,103	26,741					
1984	163,762	78,952	16,109	15,839	10,834	42,028	132,946	39,031	14,003	41,371	8,038	30,502					
1985	172,112	86,238	16,997	13,287	16,649	38,941	127,101	38,075	13,667	36,563	8,634	30,162					
West Germany																	
1979	171,543	61,682	69,829	10,486	10,402	19,143	158,955	58,748	58,954	14,787	8,819	17,645					
1980	192,278	69,998	77,540	12,545	10,785	21,410	186,807	69,543	67,176	20,590	9,623	19,875					
1981	175,540	63,416	66,924	15,398	8,777	21,025	162,828	62,056	58,711	16,645	8,565	16,850					
1982	175,885	65,868	66,878	15,693	8,519	18,927	154,442	58,976	56,653	13,514	8,837	16,461					
1983	168,894	64,536	65,152	12,403	8,912	17,890	151,935	58,444	58,375	10,687	8,723	15,707					
1984	171,083	69,475	65,348	9,844	8,271	18,145	151,953	58,737	57,656	9,660	9,282	16,616					
1985	183,180	75,489	71,578	8,590	9,720	17,803	157,476	61,606	60,461	9,219	9,063	17,127					
France																	
1979	100,381	42,012	28,062	7,606	4,528	18,173	106,708	47,009	28,434	16,653	3,712	10,900					
1980	115,678	46,227	31,694	9,831	5,284	22,642	134,469	56,336	33,760	25,133	5,813	13,426					
1981	106,103	41,199	27,317	10,895	4,521	22,172	120,543	50,165	29,731	22,332	5,527	12,789					
1982	96,220	37,902	25,255	10,221	3,306	19,535	115,326	50,554	29,113	18,397	4,848	12,414					

Table 54 (continued)
Big Seven: Direction of Trade ^a

	Exports to (<i>f.o.b.</i>)					Imports from (<i>c.i.f.</i>)						
	World	Big Seven	Other OECD	OPEC	Com-munist	Other	World	Big Seven	Other OECD	OPEC	Com-munist	Other
France (continued)												
1983	94,561	38,638	24,717	8,714	3,998	18,495	105,060	47,398	28,040	13,366	4,554	11,703
1984	97,235	40,841	25,554	9,078	3,438	18,322	103,351	47,006	28,173	11,957	4,313	11,901
1985	101,309	44,032	27,527	7,248	3,839	18,663	107,350	49,494	30,646	10,470	4,349	12,391
United Kingdom												
1979	86,148	29,889	32,308	6,981	2,610	14,360	99,141	42,247	35,209	6,723	2,582	12,380
1980	109,845	38,296	40,134	10,330	3,146	17,939	115,190	48,795	39,230	9,898	2,547	14,717
1981	102,019	37,351	35,201	11,079	2,367	16,007	101,994	44,196	36,286	7,237	2,058	12,211
1982	96,716	36,571	33,359	10,189	1,813	14,762	98,980	44,133	35,202	5,715	2,326	11,594
1983	91,435	36,460	31,973	7,986	1,758	13,242	99,338	46,022	35,816	3,974	2,343	11,181
1984	93,669	39,599	32,268	6,722	2,259	12,791	103,943	47,517	38,164	3,335	2,717	12,209
1985	101,023	44,640	34,836	6,596	2,133	12,818	108,205	50,673	39,949	3,218	2,449	11,916
Italy												
1979	72,100	35,032	16,723	7,767	3,062	9,516	77,652	34,376	14,979	13,597	4,365	10,335
1980	77,540	36,082	17,382	9,815	3,115	11,146	99,125	44,002	18,496	17,667	5,866	13,094
1981	75,130	32,666	15,116	12,804	2,902	11,642	90,819	37,480	16,241	19,491	5,190	12,416
1982	73,357	33,796	15,330	10,670	2,745	10,815	85,961	35,721	16,240	17,357	5,703	10,938
1983	72,578	34,370	15,428	9,883	3,063	9,834	80,138	32,420	16,561	14,856	5,738	10,563
1984	73,123	36,651	15,259	8,617	3,017	9,579	83,950	34,543	18,396	13,344	6,563	11,103
1985	78,840	40,986	17,062	7,272	3,550	9,970	90,740	38,447	19,932	14,420	5,625	12,316
Canada												
1979	58,207	45,700	3,034	1,382	1,732	6,359	60,347	49,079	2,368	3,252	537	5,110
1980	67,515	50,631	4,332	1,813	2,838	7,900	66,581	52,443	2,671	4,902	549	6,014
1981	72,530	55,456	3,903	2,044	2,969	8,157	74,121	58,376	2,855	5,180	666	7,043
1982	70,984	54,644	3,426	2,113	3,288	7,513	61,798	49,874	2,437	2,753	460	6,274
1983	76,468	61,700	2,906	1,564	3,269	7,028	68,656	57,000	2,689	1,877	457	6,633
1984	89,981	74,638	3,178	1,531	3,087	7,546	82,728	68,966	3,166	1,869	566	8,161
1985	90,334	76,066	3,042	1,147	2,508	7,571	85,973	72,023	3,548	1,625	568	8,209

^a Data are from the International Monetary Fund, *Direction of Trade*. Country totals in this table do not agree with totals in Tables 51 and 52 because of different practices of reporting data in the *International Financial Statistics* and the *Direction of Trade*.

Table 55

Big Seven: Exports, by Commodity ^a

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984	1985
Big Seven	163,218	415,790	766,986	904,097	904,611	854,284	842,349	902,861	936,234
Foodstuffs	15,946	44,765	75,996	90,033	93,414	83,686	81,808	82,901	NA
Raw materials	13,319	24,164	45,798	58,043	46,873	40,281	42,500	46,028	NA
Fuels	5,274	18,085	36,399	48,554	56,085	57,430	52,956	53,876	NA
Manufactures	124,555	318,916	589,682	683,801	689,529	653,577	644,317	696,361	NA
Other	4,124	9,862	19,115	23,671	18,717	19,316	20,775	23,699	NA
United States	43,226	107,652	176,788	216,916	230,506	210,929	199,144	216,008	211,406
Foodstuffs	6,919	21,105	33,259	39,392	42,262	35,711	35,043	35,771	28,073
Raw materials	4,114	7,538	15,310	20,063	15,135	13,338	13,277	14,924	13,522
Fuels	1,695	4,481	5,687	8,134	10,294	12,777	9,703	9,468	10,106
Manufactures	28,762	70,961	117,406	143,411	156,537	142,200	134,698	146,932	149,201
Other	1,736	3,568	5,127	5,917	6,279	6,903	6,424	8,915	10,505
Canada	16,185	32,300	55,117	63,105	68,281	66,977	72,420	84,938	85,575
Foodstuffs	1,975	4,399	6,287	7,773	8,775	8,987	9,150	9,308	7,946
Raw materials	4,850	7,450	13,224	15,519	14,300	12,167	13,116	14,623	13,924
Fuels	978	5,334	7,281	9,010	9,451	9,601	10,017	11,079	11,921
Manufactures	8,262	14,842	28,040	30,487	35,032	35,839	38,576	47,714	49,645
Other	119	276	286	316	723	382	1,562	2,214	2,139
Japan	19,319	55,728	102,964	129,544	151,911	138,584	146,804	170,038	177,189
Foodstuffs	674	808	1,323	1,704	1,837	1,492	1,509	1,589	NA
Raw materials	433	1,262	1,520	2,218	1,731	1,442	1,768	1,513	NA
Fuels	48	220	356	504	554	411	432	505	NA
Manufactures	17,965	52,638	98,651	123,707	146,424	133,879	141,653	164,808	NA
Other	200	800	1,114	1,411	1,365	1,361	1,442	1,623	NA

Table 55 (continued)
Big Seven: Exports, by Commodity ^a

	1970	1975	1979	1980	1981	1982	1983	1984	1985
West Germany	34,189	90,021	171,437	191,647	175,284	175,456	168,748	171,016	183,912
Foodstuffs	1,188	4,241	8,598	10,146	10,227	9,814	9,236	9,414	NA
Raw materials	1,192	2,643	5,246	6,512	5,007	4,391	4,709	4,829	NA
Fuels	1,011	2,813	5,685	7,143	6,973	6,473	5,626	5,546	NA
Manufactures	30,232	78,706	148,695	162,431	147,556	149,326	143,140	145,710	NA
Other	565	1,618	3,213	5,415	5,523	5,453	6,039	5,517	NA
France	17,739	51,604	97,959	110,865	101,246	92,358	91,144	93,166	97,457
Foodstuffs	2,803	8,069	14,538	17,796	17,216	15,239	15,415	15,271	15,903
Raw materials	1,199	2,628	4,920	5,853	4,649	3,869	4,045	4,556	4,481
Fuels	376	1,410	3,490	4,485	4,724	3,661	3,461	3,396	3,751
Manufactures	13,147	39,052	74,576	82,102	74,134	69,087	67,632	69,444	72,807
Other	214	445	434	630	525	503	592	499	516
United Kingdom	19,351	43,660	90,485	114,381	102,136	96,542	91,419	94,337	101,675
Foodstuffs	1,259	3,221	6,400	7,774	7,500	6,989	6,554	6,486	NA
Raw materials	1,190	1,961	4,296	6,417	4,387	3,855	4,196	4,099	NA
Fuels	496	1,798	9,145	14,882	19,364	19,517	19,824	20,559	NA
Manufactures	15,151	33,682	62,474	76,015	66,663	61,865	56,474	58,846	NA
Other	1,253	2,998	8,171	9,293	4,223	4,318	4,372	4,348	NA
Italy	13,210	34,825	72,237	77,640	75,246	73,438	72,670	73,358	79,020
Foodstuffs	1,127	2,921	5,592	5,448	5,597	5,454	4,901	5,062	NA
Raw materials	341	682	1,282	1,462	1,664	1,220	1,389	1,484	NA
Fuels	669	2,030	4,754	4,395	4,725	4,991	3,893	3,323	NA
Manufactures	11,036	29,035	59,839	65,646	63,181	61,379	62,144	62,907	NA
Other	37	157	770	689	80	395	344	583	NA

^a Data are from the United Nations trade tapes. Country totals in this table do not agree with totals in tables 51 and 54 because of differences in reporting practices.

Table 56

Big Seven: Imports, by Commodity ^a

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984	1985
Big Seven	157,592	408,071	823,350	984,149	950,059	889,979	888,310	989,823	1,031,353
Foodstuffs	27,228	60,387	101,174	106,733	101,677	97,838	97,298	101,652	NA
Raw materials	27,828	45,582	87,011	100,854	82,893	72,611	75,183	80,872	NA
Fuels	17,018	101,364	198,331	280,218	284,271	245,788	216,450	221,160	NA
Manufactures	81,261	190,483	416,861	471,370	462,470	454,534	485,341	569,661	NA
Other	4,260	10,255	19,984	24,985	18,759	19,217	14,053	16,490	NA
United States	39,962	96,941	217,455	250,280	271,213	253,033	267,971	338,189	358,895
Foodstuffs	6,446	10,518	19,955	20,572	20,910	19,902	21,024	24,254	25,238
Raw materials	4,687	8,116	16,253	17,503	17,257	13,055	16,043	17,598	16,041
Fuels	3,081	26,403	63,735	82,204	84,261	67,424	59,999	63,074	55,680
Manufactures	23,988	48,526	111,907	123,081	140,986	144,630	165,081	226,383	253,434
Other	1,761	3,377	5,608	6,921	7,800	8,024	5,825	6,881	8,503
Canada	13,348	33,954	52,622	57,707	64,897	54,259	60,477	73,230	75,869
Foodstuffs	1,153	2,817	3,837	4,301	4,554	4,186	4,228	4,761	4,480
Raw materials	727	1,578	2,701	3,635	3,384	2,610	3,025	3,219	2,951
Fuels	749	4,090	4,884	7,143	7,953	5,473	4,171	4,702	4,568
Manufactures	10,518	25,071	40,422	41,638	47,866	40,920	48,077	59,141	62,428
Other	202	397	778	990	1,140	1,071	977	1,408	1,442
Japan	18,883	57,840	110,108	139,892	140,830	130,319	125,017	134,261	130,517
Foodstuffs	3,195	10,344	16,611	16,849	18,247	16,576	17,117	18,609	NA
Raw materials	7,188	11,421	23,509	26,120	22,073	21,039	20,331	21,934	NA
Fuels	3,906	25,641	45,286	69,991	72,563	65,618	58,925	60,337	NA
Manufactures	4,381	9,849	22,783	25,204	26,091	25,409	27,586	32,167	NA
Other	213	584	1,922	1,729	1,859	1,678	1,062	1,214	NA

Table 56 (continued)
Big Seven: Imports, by Commodity ^a

	1970	1975	1979	1980	1981	1982	1983	1984	1985
West Germany	29,814	74,208	157,682	185,922	162,691	154,049	152,011	152,872	158,488
Foodstuffs	5,524	12,092	20,864	22,749	20,343	19,576	18,924	18,599	NA
Raw materials	5,109	8,095	14,823	17,798	13,378	12,263	12,442	13,299	NA
Fuels	2,627	13,099	30,957	41,904	39,802	36,427	32,404	31,170	NA
Manufactures	15,608	38,760	87,197	98,269	85,458	81,763	84,559	85,487	NA
Other	947	2,163	3,843	5,204	3,713	4,022	3,684	4,320	NA
France	18,922	53,606	106,711	134,328	120,279	115,454	105,272	103,613	107,588
Foodstuffs	2,798	6,921	12,765	13,815	12,406	12,231	11,938	11,693	11,825
Raw materials	2,675	5,050	8,962	10,737	8,503	7,310	6,890	7,183	7,050
Fuels	2,291	12,260	22,949	35,726	34,671	30,827	25,751	24,905	23,946
Manufactures	11,103	29,210	61,380	72,869	64,083	64,711	60,602	59,756	64,668
Other	55	165	657	1,184	617	376	93	78	101
United Kingdom	21,724	53,595	102,613	117,902	101,153	99,032	99,240	105,687	108,956
Foodstuffs	5,267	10,345	15,092	15,564	14,265	13,699	12,777	13,018	NA
Raw materials	4,342	6,048	9,633	12,437	8,904	7,710	8,487	8,022	NA
Fuels	2,270	9,613	12,174	15,912	14,280	12,868	10,657	13,797	NA
Manufactures	8,804	24,180	58,894	65,474	60,278	61,364	65,889	69,387	NA
Other	1,042	3,409	6,822	8,517	3,427	3,392	1,431	1,466	NA
Italy	14,939	37,928	76,158	98,119	88,996	83,834	78,322	81,971	91,040
Foodstuffs	2,846	7,350	12,050	12,883	10,952	11,669	11,289	10,718	NA
Raw materials	3,100	5,274	11,130	12,624	9,394	8,625	7,965	9,618	NA
Fuels	2,095	10,258	18,346	27,338	30,741	27,150	24,544	23,176	NA
Manufactures	6,859	14,888	34,278	44,836	37,708	35,737	33,546	37,339	NA
Other	40	159	354	439	203	654	981	1,122	NA

^a Data are from the United Nations trade tapes. Country totals in this table do not agree with totals in tables 52 and 54 because of differences in reporting practices.

Table 57

Big Seven: Trade Balance, by Commodity

Million US \$

	1970	1975	1979	1980	1981	1982	1983	1984	1985
Big Seven	5,626	7,719	-56,364	-80,053	-45,448	-35,695	-45,961	-86,962	-95,119
Foodstuffs	-11,282	-15,622	-25,178	-16,700	-8,263	-14,152	-15,490	-18,751	NA
Raw materials	-14,508	-21,418	-41,212	-42,811	-36,020	-32,330	-32,683	-34,844	NA
Fuels	-11,744	-83,279	-161,932	-231,664	-228,186	-188,358	-163,494	-167,284	NA
Manufactures	43,294	128,433	172,821	212,431	227,059	-199,043	158,976	126,700	NA
Other	-136	-393	-869	-1,314	-42	99	6,722	7,209	NA
United States	3,264	10,711	-40,667	-33,364	-40,706	-42,104	-68,827	-122,181	-147,489
Foodstuffs	473	10,587	13,304	18,820	21,352	15,809	14,019	11,517	2,835
Raw materials	-573	-578	-943	2,560	-2,122	283	-2,766	-2,675	-2,519
Fuels	-1,386	-21,923	-58,048	-74,070	-73,966	-54,647	-50,296	-53,606	-45,574
Manufactures	4,774	22,435	5,499	20,330	15,551	-2,430	-30,383	-79,451	-104,233
Other	-24	191	-481	-1,004	-1,521	-1,121	599	2,034	2,002
Canada	2,836	-1,654	2,495	5,398	3,384	12,718	11,943	11,708	9,706
Foodstuffs	823	1,582	2,450	3,472	4,221	4,801	4,922	4,547	3,466
Raw materials	4,123	5,872	10,523	11,884	10,916	9,557	10,091	11,404	10,973
Fuels	229	1,243	2,396	1,867	1,498	4,128	5,846	6,377	7,353
Manufactures	-2,255	-10,229	-12,382	-11,151	-12,833	-5,081	-9,501	-11,427	-12,783
Other	-83	-121	-492	-675	-417	-689	585	806	697
Japan	437	-2,112	-7,144	-10,349	11,080	8,266	21,787	35,777	46,672
Foodstuffs	-2,521	-9,536	-15,288	-15,145	-16,410	-15,084	-15,608	-17,020	NA
Raw materials	-6,755	-10,158	-21,988	-23,902	-20,342	-19,597	-18,563	-20,421	NA
Fuels	-3,858	-25,422	-44,930	-69,488	-72,009	-65,207	-58,493	-59,832	NA
Manufactures	13,584	42,788	75,869	98,502	120,333	108,470	114,067	132,641	NA
Other	-13	216	-808	-319	-494	-317	380	409	NA

Table 57 (continued)
Big Seven: Trade Balance, by Commodity

	1970	1975	1979	1980	1981	1982	1983	1984	1985
West Germany	4,375	15,814	13,755	5,725	12,593	21,407	16,737	18,144	25,424
Foodstuffs	-4,335	-7,850	-12,266	-12,603	-10,116	-9,762	-9,688	-9,185	NA
Raw materials	-3,917	-5,452	-9,577	-11,286	-8,371	-7,872	-7,733	-8,470	NA
Fuels	-1,616	-10,286	-25,272	-34,761	-32,829	-29,954	-26,778	-25,624	NA
Manufactures	14,624	39,946	61,498	64,162	62,098	67,563	58,581	60,223	NA
Other	-382	-545	-630	211	1,810	1,431	2,355	1,197	NA
France	-1,184	-2,002	-8,752	-23,463	-19,032	-23,096	-14,128	-10,447	-10,131
Foodstuffs	5	1,148	1,773	3,981	4,810	3,008	3,477	3,578	4,078
Raw materials	-1,476	-2,422	-4,041	-4,884	-3,855	-3,441	-2,845	-2,627	-2,569
Fuels	-1,915	-10,850	-19,458	-31,241	-29,947	-27,166	-22,290	-21,509	-20,195
Manufactures	2,044	9,842	13,196	9,234	10,051	4,376	7,030	9,688	8,139
Other	158	280	-223	-554	-93	127	499	421	415
United Kingdom	-2,373	-9,935	-12,128	-3,522	983	-2,490	-7,821	-11,350	-7,281
Foodstuffs	-4,007	-7,124	-8,692	-7,790	-6,765	-6,710	-6,223	-6,532	NA
Raw materials	-3,151	-4,087	-5,337	-6,019	-4,517	-3,855	-4,291	-3,923	NA
Fuels	-1,773	-7,815	-3,029	-1,030	5,084	6,649	9,167	6,762	NA
Manufactures	6,348	9,502	3,580	10,541	6,385	501	-9,415	-10,541	NA
Other	211	-412	1,349	776	796	926	2,941	2,882	NA
Italy	-1,729	-3,103	-3,921	-20,478	-13,750	-10,396	-5,652	-8,613	-12,020
Foodstuffs	-1,719	-4,428	-6,459	-7,435	-5,355	-6,215	-6,388	-5,656	NA
Raw materials	-2,760	-4,592	-9,848	-11,163	-7,730	-7,405	-6,576	-8,134	NA
Fuels	-1,426	-8,227	-13,592	-22,942	-26,016	-22,159	-20,651	-19,853	NA
Manufactures	4,177	14,147	25,561	20,811	25,473	25,642	28,598	25,566	NA
Other	-3	-2	416	250	-123	-259	-637	-537	NA

Table 58

Selected Non-OPEC LDCs: Indexes of Export Prices, Import Prices, and Terms of Trade ^a

1970=100

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Non-OPEC LDCs										
Export	185	194	226	233	273	314	302	283	273	277
Import	217	217	230	252	295	358	371	355	343	336
Terms of Trade	85	89	98	92	93	88	81	80	80	82
Brazil										
Export	189	217	266	246	269	285	268	252	238	243
Import	217	224	232	247	297	380	422	408	387	367
Terms of Trade	87	97	115	100	91	75	64	62	61	66
Colombia										
Export	175	257	376	315	311	347	311	308	309	330
Import	173	180	192	215	237	260	276	282	276	285
Terms of Trade	101	143	196	147	131	133	113	109	112	116
El Salvador										
Export	164	241	317	266	302	312	290	275	222	NA
Import	197	193	193	215	240	305	339	362	337	NA
Terms of Trade	83	125	164	124	126	102	86	76	66	NA
Ethiopia										
Export	123	219	222	220	229	221	NA	NA	NA	NA
Import	155	164	177	197	214	240	263	NA	NA	NA
Terms of Trade	79	134	125	112	107	92	NA	NA	NA	NA
India										
Export	172	170	199	211	230	NA	NA	NA	NA	NA
Import	226	219	201	224	292	NA	NA	NA	NA	NA
Terms of Trade	76	78	99	94	79	NA	NA	NA	NA	NA
Jordan										
Export	291	253	245	271	280	335	346	355	315	324
Import	259	223	251	262	284	355	389	371	329	327
Terms of Trade	112	113	98	103	99	94	89	96	96	99
Kenya										
Export	175	206	297	270	297	360	324	295	290	321
Import	221	225	245	278	333	440	462	440	462	436
Terms of Trade	79	92	121	97	89	82	70	67	63	74
Malaysia										
Export	183	214	246	273	351	414	381	350	337	350
Import	249	239	254	276	314	378	409	401	387	372
Terms of Trade	73	90	97	99	112	110	93	87	87	94

Table 58 (continued)
Selected Non-OPEC LDCs: Indexes of Export
Prices, Import Prices, and Terms of Trade ^a

1970=100

	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984
Mauritius										
Export	454	336	332	350	385	436	405	369	366	NA
Import	257	257	283	324	382	458	460	428	389	NA
Terms of Trade	177	131	117	108	101	95	88	86	94	NA
Morocco										
Export	308	222	203	234	NA	NA	NA	NA	NA	NA
Import	232	211	162	NA	NA	NA	NA	NA	NA	NA
Terms of Trade	133	105	125	NA	NA	NA	NA	NA	NA	NA
Pakistan										
Export	173	189	227	258	299	319	331	303	294	306
Import	220	211	218	231	259	323	371	350	318	326
Terms of Trade	79	90	104	112	115	99	89	87	92	94
Philippines										
Export	168	148	150	168	207	216	211	176	184	203
Import	258	255	283	289	339	420	467	399	401	453
Terms of Trade	65	58	53	58	61	51	45	44	46	45
South Korea										
Export	148	166	181	200	241	252	260	251	242	250
Import	217	212	217	230	295	355	374	346	330	334
Terms of Trade	68	78	83	87	82	71	70	73	73	75
Sri Lanka										
Export	143	140	209	223	244	265	233	199	244	283
Import	261	196	222	240	367	493	550	558	599	613
Terms of Trade	55	71	94	93	66	54	42	36	41	46
Syria										
Export	291	358	381	404	531	690	766	669	628	NA
Import	273	327	297	317	397	515	669	628	726	NA
Terms of Trade	107	109	128	127	134	134	114	107	87	NA
Thailand										
Export	212	206	210	229	272	321	310	273	277	271
Import	239	251	270	294	338	418	465	451	426	417
Terms of Trade	89	82	78	78	80	77	67	61	65	65
Tunisia										
Export	395	328	340	375	529	770	791	724	653	NA
Import	215	198	202	213	236	267	258	234	212	198
Terms of Trade	184	166	168	176	224	288	307	309	308	NA

^a Data are from the *International Financial Statistics*. US dollar indexes for total exports and total imports converted from national data, with the original 1975 comparison base shifted to 1970.

Table 59

Newly Industrialized Countries:
Trade With the Big Seven

Billion US \$

	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
NICs										
Exports	0.3	20.2	41.3	53.0	63.5	71.2	73.5	82.5	100.6	76.5
Imports	9.3	28.1	44.4	55.6	69.2	74.2	63.3	61.9	70.7	37.0
Balance	-9.0	-7.9	-3.1	-2.6	-5.8	-3.0	10.2	20.6	29.9	39.5
Brazil										
Exports	0.2	4.6	7.0	8.7	10.3	11.2	11.3	12.2	15.9	9.8
Imports	1.7	6.6	6.9	7.7	9.4	8.2	7.1	5.5	6.0	4.0
Balance	-1.5	-2.0	0.1	1.0	0.9	3.0	4.2	6.7	9.9	5.8
China (Taiwan)										
Exports	NEGL	3.6	9.0	11.2	12.6	14.2	14.7	17.8	22.7	19.1
Imports	1.3	3.9	6.7	8.7	10.6	10.8	9.8	11.3	12.5	5.0
Balance	-1.3	-0.3	2.3	2.5	2.0	3.4	4.9	6.5	10.2	14.1
Hong Kong										
Exports	0.1	3.5	6.9	8.7	10.2	10.8	10.5	11.5	14.1	10.0
Imports	1.5	2.9	6.4	7.9	9.9	10.5	9.8	10.2	12.3	3.3
Balance	-1.4	0.6	0.5	0.8	0.3	0.3	0.7	1.3	1.8	6.7
Mexico										
Exports	0.1	3.7	7.1	10.2	15.3	18.0	20.0	21.6	23.3	20.9
Imports	2.3	6.8	8.9	12.5	19.1	23.2	15.2	11.4	14.5	14.0
Balance	-2.2	-3.1	-1.8	-2.3	-3.8	-5.2	4.8	10.2	8.8	6.9
Singapore										
Exports	NEGL	1.4	2.8	4.2	5.0	5.5	5.4	5.9	7.6	4.8
Imports	0.9	3.2	5.0	6.6	9.0	9.5	9.7	10.2	10.5	4.0
Balance	-0.9	-1.8	-2.2	-2.4	-4.0	-4.0	-4.3	-4.3	-2.9	0.8
South Korea										
Exports	NEGL	3.5	8.4	10.0	10.0	11.5	11.7	13.6	16.9	11.9
Imports	1.6	4.6	10.5	12.3	11.2	12.0	11.6	13.3	15.0	6.7
Balance	-1.6	-1.1	-2.1	-2.3	-1.2	-0.5	0.1	0.3	1.9	5.2

Table 60

Selected Countries: Oil Export Revenues

Billion US \$

	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Non-Communist countries										
Algeria	4	6	6	9	15	12	11	9	10	10
Ecuador	1	1	1	1	2	2	1	1	2	2
Gabon	1	1	1	1	1	1	1	1	1	1
Indonesia	4	6	6	8	13	15	11	12	10	8
Iran	19	24	21	20	13	11	19	19	17	15
Iraq	8	11	11	22	25	11	10	8	10	11
Kuwait	8	8	9	17	19	14	8	10	10	9
Libya	6	10	10	15	23	15	14	12	11	12
Mexico	NEGL	1	2	4	10	14	16	15	15	13
Nigeria	7	10	9	16	24	17	14	11	12	11
Qatar	2	2	2	4	6	6	4	3	4	3
Saudi Arabia	27	40	36	56	99	110	73	46	40	28
United Arab Emirates	7	9	8	13	19	19	15	13	13	12
Venezuela	8	9	9	13	18	19	15	14	14	12
Communist countries										
USSR ^a	8	13	15	22	28	30	35	37	39	37

^a Soviet prices to other CEMA countries, which in volume terms account for about one half of Soviet exports of crude oil and petroleum products, have been based on an average of the world market prices for the previous five years.

Table 61

Selected Countries: Oil Import Bill ^a

Billion US \$

	1970	1973	1975	1979	1980	1982	1983	1984	1985
Developed Countries									
United States ^b	2.3	7.0	24.8	59.5	76.9	61.5	54.3	58.1	51.4
Israel	0.1	0.2	0.6	1.3	2.1	1.9	1.5	1.4	1.2
Japan	2.7	6.7	21.0	38.0	58.9	51.4	45.7	45.5	40.6
Spain	0.4	0.9	3.7	7.0	11.9	11.2	10.5	9.8	10.4
European Community									
France	1.6	3.3	10.5	18.3	30.7	25.1	20.7	19.9	18.7
Italy	1.2	2.4	9.2	15.5	24.7	23.6	21.1	18.8	17.9
Netherlands	0.3	0.5	5.8	12.4	17.0	14.2	13.7	12.8	12.8
United Kingdom	1.8	3.3	9.3	10.9	14.0	10.9	8.6	10.9	10.4
West Germany	2.0	5.1	11.7	16.6	35.1	28.4	25.2	24.3	24.2
Less developed countries									
Brazil	0.2	0.7	3.3	6.9	10.3	10.7	8.7	6.9	5.8
India	0.2	0.7	1.4	2.9	6.1	4.6	3.5	2.9	3.1
South Korea	0.1	0.3	1.3	3.4	6.2	6.8	6.3	6.0	6.2
China (Taiwan)	0.1	0.2	0.7	2.5	4.2	3.9 ^c	4.1 ^c	3.8 ^c	3.3 ^c
Philippines	0.1	0.2	0.8	1.4	2.3	2.1	1.7	1.5	1.3
Thailand	0.1	0.2	0.7	1.5	2.8	2.5	2.3	2.3	2.1
Colombia	-0.1	-0.1	0.1	0.3	0.6	0.8	0.6	0.4	0.3
Pakistan	0.1	0.1	0.4	0.7	1.4	1.6	1.5	1.2	1.4
Hong Kong	0.1	0.1	0.4	0.9	1.2	1.7	1.5	1.5	1.1
Chile	0.1	0.1	0.3	0.2	0.9	0.7	0.6	0.6	0.5

^a Total cost of imported crude oil and petroleum products (on a c.i.f. basis) less earnings of exports of these items (on an f.o.b. basis).^b On an f.o.b. basis.^c Crude petroleum only.

Table 62
Importance of Soviet-Western Trade to
Selected Western Countries

Soviet Trading Partner	Exports to USSR as a Share of Total Exports				Imports From USSR as a Share of Total Imports				Share of Trading Partner's GNP							
	1980	1982	1983	1984	1980	1982	1983	1984	Exports to the USSR				Imports From the USSR			
	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984	1980	1982	1983	1984
Argentina	20.1	20.8	20.3	14.7	0.1	0.5	0.7	0.8	0.8	2.0	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Australia	4.0	3.2	2.4	2.5	0.1	0.1	0.1	0.1	0.8	0.5	NEGL	0.1	NEGL	NEGL	NEGL	0.1
Austria	2.7	3.5	3.9	4.5	4.2	5.1	4.3	5.0	0.6	0.6	0.2	NEGL	1.3	0.5	0.3	0.1
Brazil	1.8	2.5	3.4	NEGL	0.2	1.0	1.1	NEGL	0.2	0.5	0.3	NEGL	NEGL	NEGL	NEGL	NEGL
Canada	2.1	2.5	2.0	1.9	0.1	NEGL	NEGL	NEGL	0.5	0.2	0.5	0.4	NEGL	NEGL	NEGL	NEGL
Finland	17.6	26.5	26.2	19.1	0.1	0.5	0.7	0.8	0.9	1.1	1.0	0.6	NEGL	0.1	0.1	0.1
France	2.2	1.7	2.4	2.1	2.7	2.5	2.7	2.5	0.4	0.1	0.8	NEGL	0.6	0.9	1.0	NEGL
Italy	1.6	2.1	2.6	2.2	3.0	4.2	4.5	4.9	0.4	0.1	0.7	0.5	0.8	1.1	1.3	NEGL
Japan	2.1	2.8	1.9	1.5	1.3	1.0	1.1	1.0	0.3	0.7	1.0	1.0	0.2	0.1	0.5	0.2
Netherlands	0.7	0.6	0.8	0.5	1.7	4.1	4.3	3.6	0.3	0.1	0.2	NEGL	0.8	0.2	1.0	0.7
United Kingdom	0.9	0.6	0.7	1.0	1.5	1.1	1.1	1.1	0.2	0.1	0.2	NEGL	0.4	0.1	0.4	0.1
United States	0.7	1.2	1.0	1.5	0.2	0.1	0.1	0.2	0.1	0.5	0.7	0.5	NEGL	NEGL	0.1	NEGL
West Germany	2.3	2.2	2.6	2.2	2.2	2.9	2.9	3.3	0.5	0.6	1.6	1.0	0.5	0.7	1.7	1.1

Table 63

Soviet Foreign Trade ^a

Million US \$

	Total Trade	Communist Countries				Non-Communist Countries				
		Total	Eastern Europe	China	Other Asia	Other ^b	Total	Developed Countries	Less Developed Countries	
									Total	Unspecified
1960	Exports 5,558 Imports 5,623	4,210 3,974	3,071 2,792	816 847	66 98	257 237	1,348 1,649	1,022 1,120	326 529	31 33
1965	Exports 8,166 Imports 8,050	5,555 5,606	4,551 4,668	192 225	165 120	647 593	2,611 2,444	1,506 1,647	1,105 797	270 2
1970	Exports 12,787 Imports 11,720	8,359 7,630	6,752 6,627	25 22	415 156	1,167 825	4,428 4,090	2,453 2,849	1,975 1,241	792 16
1975	Exports 33,407 Imports 37,070	20,271 19,415	16,494 15,723	129 150	480 277	3,168 3,265	13,136 17,655	8,588 13,566	4,548 4,089	1,899 31
1979	Exports 64,912 Imports 57,958	36,152 32,810	28,380 26,761	268 240	1,081 618	6,423 5,191	28,760 25,148	19,578 20,405	9,182 4,743	4,367 49
1980	Exports 76,437 Imports 68,473	41,431 36,420	32,216 29,407	261 226	1,201 681	7,753 6,106	35,006 32,053	24,934 24,386	10,072 7,667	4,766 168
1981	Exports 79,377 Imports 73,158	43,353 37,172	33,774 29,399	115 131	1,445 582	8,019 7,060	36,024 35,986	24,416 25,356	11,608 10,630	5,058 209
1982	Exports 87,168 Imports 77,846	47,107 42,525	36,288 33,566	166 143	1,638 788	9,015 8,028	40,061 35,321	26,224 26,204	13,837 9,117	6,424 6,172
1983	Exports 91,652 Imports 80,440	51,005 45,502	39,355 37,162	345 314	1,768 764	9,537 7,262	40,647 34,938	26,707 25,364	13,940 9,574	7,069 287
1984	Exports 91,492 Imports 80,355	51,885 47,017	39,845 37,488	575 627	1,836 776	9,629 8,126	39,607 33,338	26,427 24,227	13,180 9,111	6,916 136
1985	Exports 86,956 Imports 82,922	53,249 50,662	40,710 39,398	935 991	2,388 834	9,216 9,439	33,707 32,260	22,490 23,305	11,217 8,955	5,195 127

^a Official Soviet statistics using US dollar exchange rates for

the Soviet foreign exchange ruble as announced by the State

Bank of the USSR. Exports and imports are f.o.b.

^b Cuba, Mongolia, and Yugoslavia.

Table 64
Soviet Exports ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Total exports	5,558	8,166	12,787	33,407	64,912	76,437	79,377	87,168	91,652	91,492
Machinery and equipment	1,141	1,634	2,753	6,241	11,378	12,081	10,862	11,230	11,426	11,406
Fuels, lubricants, and related materials	902	1,403	1,986	10,473	27,379	35,874	39,849	45,588	49,193	49,743
Coal and coke ^b	242	384	408	1,399	1,504	1,695	1,597	1,660	1,757	1,730
Petroleum and petroleum products	657	998	1,469	8,212	22,211	27,851	30,029	35,028	38,092	38,002
Ores and concentrates	243	310	403	868	919	993	1,016	1,026	1,053	1,042
Iron ore	175	250	325	692	656	651	656	665	682	662
Base metals and manufactures	837	1,328	1,978	3,813	3,113	3,551	3,511	3,644	3,681	3,534
Ferrous metals	642	997	1,351	2,673	3,113	3,551	3,511	3,644	3,681	3,534
Roller ferrous metals	480	716	961	1,794	2,138	2,464	2,422	2,465	2,503	2,346
Nonferrous metals	195	331	627	1,140	NA	NA	NA	NA	NA	NA
Aluminum	35	111	184	356	NA	NA	NA	NA	NA	NA
Chemicals	150	244	364	1,027	1,606	2,139	2,380	2,309	2,422	2,804
Wood and wood products	305	593	831	1,916	2,666	3,093	2,632	2,471	2,587	2,575
Lumber	183	312	333	780	1,031	1,207	990	912	936	941
Textile raw materials and semimanufactures	358	421	437	976	1,304	1,435	1,545	1,566	1,297	1,142
Cotton fiber	288	334	372	917	1,221	1,357	1,472	1,445	1,195	1,000
Consumer goods	907	904	1,356	2,377	2,856	2,727	2,759	2,573	2,632	2,644
Food	702	664	1,019	1,556	1,661	1,426	1,587	1,320	1,361	1,361
Grain ^c	467	270	399	508	559	310	404	393	326	305
Other consumer goods	205	240	337	821	1,195	1,301	1,172	1,253	1,271	1,283
Other and unspecified	715	1,329	2,679	5,716	13,691	14,544	14,823	16,761	17,361	16,602

^a Official Soviet statistics using US dollar exchange rates for the Soviet foreign exchange ruble as announced by the State Bank of the USSR. Exports are f.o.b.

^b Including small amounts of charcoal and other solid fuels.

^c Excluding wheat flour.

Table 65
Soviet Imports ^a

Million US \$

	1960	1965	1970	1975	1979	1980	1981	1982	1983	1984
Total imports	5,623	8,050	11,720	37,070	57,958	68,473	73,158	77,846	80,440	80,355
Machinery and equipment	1,673	2,690	4,166	12,574	22,019	23,198	22,107	26,766	30,709	29,417
Transportation equipment	659	990	1,232	3,326	4,335	4,674	4,660	5,301	6,731	6,509
Fuels, lubricants, and related materials	237	198	226	1,447	1,103	1,085	1,372	2,068	2,869	3,420
Natural gas, coal, and coke	93	123	144	752	178	254	269	287	300	316
Petroleum and petroleum products	144	75	82	695	925	831	1,103	1,781	2,569	3,104
Ores and concentrates	314	315	303	583	747	NA	929	858	929	1,017
Base metals and manufactures	545	389	691	3,595	4,499	4,654	4,594	5,358	4,948	4,640
Ferrous metals	373	314	593	3,346	4,478	4,635	4,574	5,343	4,937	4,628
Rolled ferrous metals	338	287	568	3,197	4,184	4,335	4,259	4,837	4,694	4,386
Nonferrous metals	172	75	98	249	21	19	20	15	11	12
Tin	35	21	30	65	NA	NA	NA	NA	NA	NA
Chemicals	149	373	618	1,747	2,803	3,732	4,031	3,886	4,070	4,223
Rubber and rubber products	196	199	192	307	288 ^b	320 ^b	298	209	247	213
Wood and wood products	105	150	248	796	847	1,369	1,305	1,219	1,076	1,002
Textile raw materials and semimanufactures	364	358	561	887	1,122	1,493	1,271	1,283	1,671	1,312
Cotton fiber	180	162	249	271	158	96	46	47	323	317
Wool fiber	118	100	120	265	487	502	534	549	565	354
Consumer goods	1,573	2,656	3,789	12,720	17,835	23,335	27,532	27,604	23,677	25,603
Food	613	1,512	1,590	7,844	11,395	15,156	18,371	16,744	14,907	16,776
Grain ^c	17	397	135	2,673	3,448	4,891	7,257	6,120	5,147	6,816
Other consumer goods	960	1,144	2,199	4,876	6,440	8,179	9,161	10,860	8,770	8,827
Other and unspecified	467	722	926	2,414	6,695	9,287	9,719	8,595	10,244	9,508

^a Official Soviet statistics using US dollar exchange rates for the Soviet foreign exchange ruble as announced by the State Bank of the USSR. Imports are f.o.b.

^b Only natural rubber reported.

^c Excluding wheat flour.

Table 66
East European Foreign Trade ^a

Million US \$

	Total Trade	Communist Countries			Non-Communist Countries			
		Total	USSR	Eastern Europe	Other ^b	Total	Developed Countries	Less Developed Countries
1960	Exports Imports	7,624 7,754	5,523 5,541	2,817 2,954	2,102 2,084	604 503	2,101 2,213	1,603 1,772
1965	Exports Imports	11,789 11,611	8,423 8,114	4,692 4,436	3,172 3,111	559 567	3,366 3,497	2,581 2,765
1970	Exports Imports	18,159 18,522	12,546 12,503	6,612 6,803	4,955 4,908	979 792	5,613 6,019	4,426 5,052
1975	Exports Imports	45,269 51,314	30,126 30,607	15,639 16,345	12,157 12,238	2,330 2,024	15,143 20,707	11,379 17,687
1980	Exports Imports	85,002 91,222	53,997 56,133	29,334 32,178	20,612 20,134	4,051 3,821	31,005 35,089	22,269 26,054
1981	Exports Imports	83,426 86,565	52,995 56,593	29,422 33,540	19,096 18,582	4,477 4,471	30,431 29,972	20,076 22,961
1982	Exports Imports	89,133 85,461	58,707 60,205	33,366 35,793	20,295 19,275	5,046 5,137	30,426 25,256	20,243 18,814
1983	Exports Imports	94,774 90,151	63,966 64,845	36,842 38,704	21,944 21,292	5,180 4,849	30,808 25,306	21,531 18,223
1984	Exports Imports	97,688 91,440	66,055 66,088	37,494 39,307	22,115 22,087	6,446 4,694	31,633 25,352	22,584 18,324
1985 ^c	Exports Imports	98,184 94,102	68,621 68,076	38,930 40,456	23,882 22,455	5,809 5,165	29,563 26,026	21,287 19,437

^a Official East European statistics. Trade with the Communist countries was derived by converting the value of the trade expressed in the currency of each East European country to rubles and then to dollars at the prevailing foreign exchange rate. Exports are on an f.o.b. basis.

^b Including data for Albania, China, Cuba, Mongolia, North Korea, Vietnam, and Yugoslavia.

^c Preliminary.

Table 67

East European Exports, by Country ^a

Million US \$

	1960	1970	1975	1980	1981	1982	1983	1984	1985 ^b
Bulgaria	571	2,004	4,807	10,489	10,494	11,505	12,222	12,535	12,826
USSR	307	1,078	2,643	5,268	5,101	5,950	6,852	6,816	7,161
Eastern Europe	151	431	968	1,741	1,752	1,858	2,091	2,032	2,194
Developed countries	73	289	474	1,636	1,396	1,302	1,272	1,215	1,131
Less developed countries	18	125	463	1,385	1,814	1,970	1,599	2,065	1,938
Czechoslovakia	1,929	3,792	8,158	15,255	15,203	16,180	17,123	17,408	17,843
USSR	659	1,222	2,664	5,535	5,738	6,671	7,305	7,599	7,849
Eastern Europe	561	1,213	2,621	4,294	4,082	4,264	4,423	4,449	4,786
Developed countries	335	783	1,673	3,242	2,968	2,786	2,680	2,775	2,751
Less developed countries	200	331	706	1,287	1,399	1,312	1,462	1,347	1,269
East Germany ^c	2,207	4,647	10,680	18,862	19,648	22,203	24,291	24,552	24,050 ^d
USSR	924	1,742	3,700	6,616	7,176	7,712	8,637	9,112	8,925
Eastern Europe	588	1,386	3,368	5,389	4,991	5,276	5,713	5,592	6,136
Developed countries	446	1,078	2,631	4,546	5,388	6,432	7,250	7,247	7,099
Less developed countries	89	183	431	1,205	1,255	1,611	1,471	1,155	1,132
Hungary	874	2,317	5,694	11,644	11,827	12,424	13,199	13,278	13,492
USSR	256	790	2,174	3,980	4,558	4,910	5,253	5,020	5,754
Eastern Europe	278	648	1,518	3,288	3,148	3,170	3,385	3,563	3,559
Developed countries	192	630	1,424	3,031	2,632	2,654	2,899	2,989	2,609
Less developed countries	58	137	334	845	1,020	1,147	1,106	985	900
Poland	1,326	3,548	10,510	17,543	13,643	15,262	16,427	17,269	17,773
USSR	390	1,251	3,362	5,609	4,522	5,804	6,550	6,792	6,886
Eastern Europe	335	882	2,671	3,801	3,247	3,667	4,043	4,295	4,793
Developed countries	403	1,024	3,278	5,857	3,909	3,661	3,755	4,059	3,980
Less developed countries	93	258	845	1,649	1,538	1,545	1,481	1,448	1,210
Romania	717	1,851	5,420	11,209	12,611	11,559	11,512	12,646	12,200
USSR	281	529	1,096	2,326	2,327	2,319	2,245	2,155	2,355
Eastern Europe	189	395	1,011	2,099	1,876	2,060	2,289	2,184	2,414
Developed countries	154	622	1,899	3,957	3,783	3,408	3,675	4,298	3,717
Less developed countries	40	153	985	2,365	3,329	2,598	2,158	2,049	1,827

^a Domestic currency converted into US dollars at the exchange rate prevailing at time of transactions. Exports are on an f.o.b. basis. Trade with the Communist countries was derived by converting the value of the trade expressed in the currency of each East European country to rubles and then to dollars at the prevailing foreign exchange rate.

^b Preliminary.

^c East German figures were converted first into current-year rubles and then into current-year US dollars.

^d Estimated for 1985 using percentage figures for 1984.

Table 68

East European Imports, by Country ^a

Million US \$

	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985 ^b
Bulgaria	625	1,178	1,831	5,528	9,776	10,609	11,611	12,374	12,349	13,075
USSR	332	589	955	2,826	5,622	5,831	6,499	7,196	7,145	7,248
Eastern Europe	174	236	372	1,007	1,394	1,436	1,576	1,756	2,107	2,280
Developed countries	89	266	355	1,289	1,658	2,093	1,922	1,719	1,826	2,053
Less developed countries	13	37	81	209	342	485	708	768	842	1,057
Czechoslovakia	1,816	2,673	3,695	8,874	15,523	14,960	16,005	17,039	17,350	17,940
USSR	630	955	1,209	2,818	5,659	5,991	7,045	8,004	8,154	8,455
Eastern Europe	524	851	1,123	2,839	4,506	4,019	3,927	4,612	4,888	5,164
Developed countries	360	514	917	2,244	3,693	3,294	2,932	2,708	2,590	2,685
Less developed countries	161	197	214	501	829	751	682	664	738	704
East Germany ^c	2,194	2,823	4,923	11,947	20,790	19,967	20,624	21,975	21,926	22,250 ^d
USSR	958	1,205	1,945	4,172	7,451	7,692	8,571	8,902	8,878	9,002
Eastern Europe	496	693	1,246	3,147	5,004	4,827	4,696	4,972	5,068	4,610
Developed countries	484	656	1,378	3,704	6,336	5,889	5,625	6,347	6,357	6,585
Less developed countries	90	120	182	483	1,218	694	876	1,021	964	900
Hungary	976	1,520	2,505	6,795	12,613	12,592	12,866	13,367	12,939	12,992
USSR	303	553	832	2,284	4,617	4,772	5,031	5,326	5,357	5,515
Eastern Europe	317	415	726	1,813	3,200	3,050	3,300	3,655	3,500	3,585
Developed countries	237	383	678	1,966	3,707	3,684	3,235	2,945	2,839	3,154
Less developed countries	58	113	177	498	845	758	909	1,111	972	577
Poland	1,495	2,340	3,608	12,752	19,702	15,980	14,610	15,753	16,542	17,445
USSR	465	728	1,361	3,294	6,698	6,780	6,659	7,066	7,554	7,885
Eastern Europe	400	706	1,000	2,354	3,963	3,274	3,626	4,266	4,373	4,520
Developed countries	447	583	938	6,199	6,699	4,476	3,167	3,056	3,136	3,472
Less developed countries	99	210	196	597	1,789	947	596	746	805	759
Romania	648	1,077	1,960	5,418	12,818	12,457	9,745	9,643	10,334	10,400
USSR	266	406	501	951	2,131	2,474	1,988	2,210	2,219	2,351
Eastern Europe	173	210	441	1,078	2,067	1,976	2,150	2,031	2,151	2,296
Developed countries	155	363	786	2,285	3,961	3,525	1,933	1,448	1,516	1,488
Less developed countries	20	55	117	732	4,012	3,376	2,671	2,773	2,707	2,592

^a Imports are f.o.b. except for Hungary, which is on a c.i.f. basis.^b Preliminary.^c East German figures were converted first into current-year rubles and then into current-year US dollars.^d Estimated for 1985 using percentage figures from 1984.

European country to rubles and then to dollars at the prevailing foreign exchange rate. Country totals include trade with centrally planned economy countries other than the USSR and Eastern Europe.

Table 69
East European Exports, by Commodity Group ^a

Million US \$

	1970	1975	1980	1981	1982	1983	1984	1985 ^b
Bulgaria	2,004	4,807	10,489	10,494	11,505	12,222	12,535	12,826
Machinery and equipment	581	1,956	4,657	4,806	5,392	5,915	5,979	6,144
Fuels, minerals, and metals	162	375	1,573	1,543	1,461	1,393	1,354	1,283
Agricultural and forestry products	870	1,620	2,559	2,393	2,635	2,664	2,795	3,335
Manufactured consumer goods	295	495	923	965	1,081	1,210	1,266	1,564
Other	96	361	777	787	932	1,040	1,141	500
Czechoslovakia	3,792	8,158	15,255	15,203	16,180	17,123	17,408	17,843
Machinery and equipment	1,911	3,916	7,673	7,951	8,608	9,383	9,801	10,046
Fuels, minerals, and metals	705	1,574	2,624	2,265	2,346	2,431	2,385	2,444
Agricultural and forestry products	277	587	1,312	1,216	1,181	1,174	1,149	1,178
Manufactured consumer goods	629	1,485	2,426	2,539	2,718	2,774	2,698	2,766
Other	270	596	1,220	1,232	1,327	1,388	1,375	1,409
East Germany	4,647	10,680	18,862	19,648	22,203	24,291	24,552	24,050
Machinery and equipment	2,402	5,415	9,676	9,608	10,768	11,611	11,515	NA
Fuels, minerals, and metals	469	1,292	2,791	3,301	4,107	4,299	4,297	NA
Agricultural and forestry products	344	972	1,207	1,454	1,532	1,919	2,038	NA
Manufactured consumer goods	939	1,666	2,791	2,770	3,153	3,425	3,707	NA
Other	493	1,335	2,397	2,515	2,643	3,037	2,995	NA
Hungary	2,317	5,694	11,644	11,827	12,424	13,199	13,278	13,492
Machinery and equipment	755	2,107	4,495	3,714	4,013	4,078	4,076	4,142
Fuels, minerals, and metals	334	678	1,490	1,490	1,652	2,085	2,138	2,172
Agricultural and forestry products	619	1,435	3,190	3,335	3,429	3,524	3,439	3,494
Manufactured consumer goods	494	1,162	2,073	2,034	2,050	2,072	2,111	2,145
Other	115	312	1,396	1,254	1,280	1,440	1,514	1,539
Poland	3,548	10,510	17,543	13,643	15,262	16,427	17,269	17,773
Machinery and equipment	1,366	4,109	7,807	6,835	7,646	7,852	8,220	8,460
Fuels, minerals, and metals	848	3,058	4,473	2,920	3,754	4,501	4,507	4,639
Agricultural and forestry products	600	1,209	1,754	1,132	1,145	1,396	1,606	1,653
Manufactured consumer goods	571	1,534	2,684	2,142	2,167	1,938	2,090	2,151
Other	163	600	825	614	550	740	866	870
Romania	1,851	5,420	11,209	12,611	11,559	11,512	12,646	12,200
Machinery and equipment	422	1,371	2,791	3,657	3,814	3,649	4,249	NA
Fuels, minerals, and metals	420	1,209	3,720	3,506	2,786	3,154	3,326	NA
Agricultural and forestry products	496	1,225	1,962	2,030	1,618	1,427	1,467	NA
Manufactured consumer goods	335	873	1,816	1,980	1,942	1,934	2,011	NA
Other	178	742	920	1,438	1,399	1,348	1,593	NA

^a The values of East European exports by commodity group were calculated by applying East European data on percentage breakdowns to total exports expressed in US dollars (see table 67, footnote a).

^b Preliminary.

Table 70
East European Imports, by Commodity Group ^a

	1970	1975	1980	1981	1982	1983	1984	1985 ^b
Bulgaria	1,831	5,528	9,776	10,609	11,611	12,374	12,349	13,075
Machinery and equipment	743	2,289	3,461	3,554	3,936	4,232	4,211	4,341
Fuels, minerals, and metals	533	1,852	4,194	4,710	5,364	5,729	5,792	6,145
Agricultural and forestry products	291	702	948	1,082	952	1,064	1,037	1,399
Manufactured consumer goods	104	282	430	499	557	532	506	575
Other	160	403	743	764	802	817	803	615
Czechoslovakia	3,695	8,874	15,523	14,960	16,005	17,039	17,350	17,940
Machinery and equipment	1,234	3,204	5,681	5,176	5,298	5,657	6,003	6,207
Fuels, minerals, and metals	868	2,467	4,921	5,416	6,258	7,003	7,096	7,337
Agricultural and forestry products	890	1,544	2,499	2,214	2,273	2,062	2,065	2,135
Manufactured consumer goods	314	683	916	793	880	954	919	951
Other	389	976	1,506	1,361	1,296	1,363	1,267	1,310
East Germany	4,923	11,947	20,790	19,967	20,624	21,975	21,926	22,250
Machinery and equipment	1,684	3,680	6,403	6,389	6,545	6,570	5,701	NA
Fuels, minerals, and metals	1,359	3,644	7,630	7,348	8,085	8,702	9,121	NA
Agricultural and forestry products	1,383	2,700	3,929	3,574	3,303	3,911	3,881	NA
Manufactured consumer goods	222	669	1,039	978	832	967	1,250	NA
Other	275	1,254	1,789	1,678	1,859	1,825	1,973	NA
Hungary	2,505	6,795	12,613	12,592	12,866	13,367	12,939	12,992
Machinery and equipment	774	2,188	3,872	3,740	3,924	3,810	3,506	3,521
Fuels, minerals, and metals	591	1,855	3,406	3,362	3,847	4,197	3,998	4,015
Agricultural and forestry products	611	1,291	2,346	2,317	1,917	2,112	2,070	2,079
Manufactured consumer goods	193	482	971	1,096	1,132	1,136	1,216	1,221
Other	336	979	2,018	2,077	2,046	2,112	2,149	2,156
Poland	3,608	12,752	19,702	15,980	14,610	15,753	16,542	17,445
Machinery and equipment	1,306	4,769	6,443	4,938	3,872	4,285	4,946	5,216
Fuels, minerals, and metals	960	3,826	6,127	5,050	5,552	6,459	6,435	6,786
Agricultural and forestry products	772	2,270	4,118	3,819	2,732	2,205	2,349	2,477
Manufactured consumer goods	231	676	1,261	959	1,154	1,528	1,538	1,622
Other	339	1,211	1,753	1,214	1,300	1,276	1,274	1,344
Romania	1,960	5,418	12,818	12,457	9,745	9,643	10,334	10,400
Machinery and equipment	790	1,880	3,153	2,940	2,592	2,391	2,552	NA
Fuels, minerals, and metals	596	2,070	6,447	6,054	4,824	5,149	5,436	NA
Agricultural and forestry products	306	845	1,884	2,155	1,179	1,013	1,116	NA
Manufactured consumer goods	108	206	310	436	409	366	434	NA
Other	160	417	1,124	872	741	724	796	NA

^a The values of East European imports by commodity group are breakdowns to total imports expressed in US dollars (see table 68, footnote a).

^b Preliminary.

Table 71
Chinese Foreign Trade ^a
Million US \$

	Total Trade	Communist Countries			Non-Communist Countries			
		Total	Eastern Europe	USSR	Other ^b	Total	Developed Countries	Less Developed Countries ^c
1965	Exports Imports	2,035 1,680	650 515	95 110	225 190	330 215	1,385 1,165	575 805
1970	Exports Imports	2,155 2,045	480 390	255 225	20 25	205 140	1,675 1,655	660 1,370
1975	Exports Imports	7,130 6,830	1,375 1,005	630 595	150 130	595 280	5,755 5,825	2,610 4,985
1980	Exports Imports	18,925 19,305	1,885 1,945	1,130 1,110	230 295	525 540	17,040 17,360	8,270 13,515
1981	Exports Imports	21,495 17,940	1,240 1,270	745 700	130 115	365 455	20,255 16,670	10,045 12,740
1982	Exports Imports	23,435 16,690	1,210 1,670	660 925	145 165	405 580	22,230 15,020	10,225 10,805
1983	Exports Imports	23,710 18,485	1,365 1,620	670 810	310 340	385 470	22,345 16,870	9,940 11,825
1984	Exports Imports	27,645 25,490	1,615 2,080	590 1,050	625 575	400 455	26,030 23,410	11,880 15,450
1985	Exports Imports	31,325 39,480	2,175 2,695	805 1,410	995 940	375 345	29,150 36,785	13,550 24,655

^a Data are f.o.b. and rounded to the nearest US \$5 million.

^b Including data for Albania, Cuba, Mongolia, North Korea, Vietnam, and Yugoslavia.

^c Including data for Hong Kong and Macao.

Table 72
Chinese Exports^a

Million US \$

	1970	1975	1980	1981	1982	1983	1984	1985
Total	2,155	7,130	18,925	21,495	23,435	23,710	27,645	31,325
Food and live animals	660	2,045	3,210	3,450	3,595	3,235	3,545	3,925
Live animals	70	215	340	380	395	330	350	330
Meat and meat preparations	105	240	385	375	500	430	530	510
Fish and fish preparations	70	190	400	425	385	330	355	405
Cereals and cereal preparations	150	615	485	510	495	290	355	780
Vegetables and fruit	170	435	935	1,050	1,040	1,005	980	985
Beverages and tobacco	20	80	120	120	140	155	135	135
Crude materials, excluding fuel	380	840	1,820	2,050	1,790	2,090	2,570	2,930
Oilseeds, oil nuts, and oil kernels	70	160	185	525	245	345	475	500
Textile fibers and wastes	105	245	545	500	550	730	975	1,165
Crude animal and vegetable materials	115	225	540	455	465	470	510	495
Mineral fuels, lubricants, and related materials	60	1,025	4,415	4,765	5,255	4,790	5,735	7,215
Petroleum and petroleum products	5	865	4,165	4,495	4,930	4,475	5,430	6,630
Animal and vegetable oils and fats	25	55	85	105	70	105	140	1,300
Chemicals	115	350	1,180	1,300	1,280	1,320	1,405	1,600
Chemical elements and compounds	25	100	480	550	565	545	595	685
Manufactured goods	590	1,650	4,410	5,140	5,005	4,935	5,880	6,205
Textile yarn, fabrics, made-up articles	390	1,035	2,765	3,080	2,920	3,155	4,075	4,380
Nonmetallic mineral manufactures	60	170	415	480	480	420	420	400
Manufactures of metal	40	110	390	520	565	630	650	570
Machinery and transport equipment	75	260	610	805	790	925	1,145	1,185
Miscellaneous manufactured goods	225	800	3,010	3,665	4,150	4,525	5,735	6,675
Clothing	100	355	1,665	2,095	2,435	2,740	3,375	3,765
Other	5	25	65	95	1,365	1,630	1,355	1,325

^a Data are f.o.b. and rounded to the nearest \$5 million.

Table 73

Chinese Imports ^a

Million US \$

	1970	1975	1980	1981	1982	1983	1984	1985
Total	2,045	6,830	19,305	17,940	16,690	18,485	25,490	39,480
Food and live animals	330	815	2,860	3,080	3,495	2,580	2,030	1,635
Cereal and cereal preparations	255	540	2,225	2,340	2,475	2,010	1,520	1,050
Sugar, sugar preparations, and honey	65	155	300	470	650	370	295	215
Crude materials, excluding fuels	235	730	3,325	3,175	2,520	2,375	2,735	3,330
Rubber, crude (including synthetic and reclaimed)	95	165	430	215	245	260	285	315
Textile fibers and their waste	95	395	2,065	2,280	1,470	1,100	1,225	1,575
Mineral fuels, lubricants, and related materials	40	130	175	175	175	175	215	500
Petroleum and petroleum products	10	40	30	55	30	45	55	310
Animal and vegetable fats and oils	5	40	180	105	95	60	75	100
Chemicals	310	815	2,185	2,025	2,110	2,195	3,315	3,655
Chemical elements and compounds	175	250	545	470	525	565	670	825
Fertilizers, manufactured	65	390	980	755	580	585	985	885
Manufactured goods	690	2,190	4,575	4,000	4,195	5,785	7,610	10,845
Textile yarn, fabrics, made-up articles, and products	40	90	845	1,575	1,160	1,120	1,530	2,100
Iron and steel	390	1,475	2,235	1,320	1,870	3,300	4,200	5,865
Nonferrous metals	200	395	420	165	430	745	905	1,315
Machinery and transport equipment	405	2,010	5,350	4,595	3,280	4,185	7,620	16,375
Machinery, other than electric	190	985	2,790	2,545	1,405	1,790	3,000	6,825
Electric machinery	30	190	1,070	1,345	820	1,190	2,425	4,715
Transport equipment	190	835	1,490	705	1,055	1,205	2,200	4,835
Miscellaneous manufactured goods	25	75	485	595	670	895	1,510	2,445
Other	NEGL	25	170	190	145	240 ^b	380 ^b	600 ^b

^a Data are f.o.b. and rounded to the nearest \$5 million.^b Including beverages and tobacco.

Table 74

Cuban Foreign Trade ^a

Million US \$

	Total Trade	Communist Countries			Non-Communist Countries	
		Total	USSR	Eastern Europe	Other ^b	
1965	Exports Imports	691 866	323 428	103 98	103 123	162 217
1970	Exports Imports	1,050 1,311	529 691	150 125	99 89	272 406
1975	Exports Imports	3,572 3,767	2,011 1,513	279 304	111 118	1,171 1,832
1979	Exports Imports	4,829 5,089	3,271 3,468	511 580	185 157	862 884
1980	Exports Imports	5,593 6,409	3,922 4,983	569 826	176 168	1,671 1,426
1981	Exports Imports	5,406 6,546	3,018 4,139	730 918	315 203	1,343 1,286
1982	Exports Imports	5,928 6,645	3,956 4,507	666 1,082	386 297	920 759
1983	Exports Imports	6,416 7,219	4,494 4,926	746 1,120	281 209	895 964
1984	Exports Imports	6,174 8,145	4,451 5,398	826 1,126	253 322	644 1,299
1985	Exports Imports	6,521 8,616	NA NA	NA NA	NA NA	733 1,379

^a Exports are on an f.o.b. basis; imports are on a c.i.f. basis. Cuban trade with non-Communist countries is based on hard currency world prices while its Communist country trade uses soft currency negotiated prices which are free-

market values. The result is a more favorable global trade balance than if Cuba conducted all of its trade at world market prices.

^b Including data for China, Mongolia, North Korea, and Vietnam.

Table 75
Cuban Exports ^a

Million US \$

	1965	1970	1975	1980	1981	1982	1983	1984	1985
Total	691	1,050	3,572	5,593	5,406	5,928	6,416	6,174	6,521
Sugar	591	806	3,209	4,677	4,269	4,560	4,730	4,663	NA
Raw and refined	579	785	3,183	4,624	4,225	4,526	4,717	4,625	NA
Molasses	12	21	26	53	44	34	13	38	NA
Minerals	50	175	169	270	409	347	360	340	NA
Nickel	40	173	164	260	400	339	352	329	NA
Other	10	2	5	10	9	8	8	11	NA
Tobacco	33	33	63	51	72	124	119	64	NA
Raw	19	15	22	8	24	54	37	21	NA
Manufactured	14	18	41	43	48	70	82	43	NA
Foodstuffs	5	29	131	255	301	312	372	280	NA
Fish and shellfish	3	19	63	124	126	117	122	104	NA
Citrus	1	3	14	58	99	118	137	134	NA
Other ^b	12	7	NEGL	340	355	585	835	827	NA

^a Exports are f.o.b.

^b Includes reexports of petroleum imports.

Table 76
Cuban Imports ^a

Million US \$

	1965	1970	1975	1980	1981	1982	1983	1984	1985
Total	866	1,311	3,767	6,409	6,546	6,645	7,219	8,145	8,616
Food and live animals, beverage, tobacco, oil, fats	205	263	718	1,093	1,117	1,001	NA	NA	NA
Crude materials, except fuels	25	61	145	278	278	258	NA	NA	NA
Mineral fuels, lubricants	85	114	377	1,311	1,421	1,807	NA	NA	NA
Chemicals	46	77	212	426	431	361	NA	NA	NA
Manufactures	153	130	464	884	932	913	NA	NA	NA
Basic manufactured machinery and transport equipment	133	368	911	2,253	2,205	2,097	NA	NA	NA
Miscellaneous manufactured articles	NEGL	NEGL	1	164	162	208	NA	NA	NA
Other ^b	219	298	939	0	0	0	NA	NA	NA

^a Imports are c.i.f.

^b "basic manufactured machinery and transport equipment".

^c Some of the imports reported in the other category through 1978 probably could be included in "manufactures" or various National Bank of Cuba publications.

Sources: *Anuario Estadístico de Cuba* (various issues),

Table 77

Communist Economic Aid to Less Developed Countries,
Extensions and Drawings ^a

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total	55,940	28,170	32,915	16,035	16,115	7,285	6,910	4,850
1954-75	22,790	10,220	12,055	6,180	6,400	2,185	4,335	1,855
1976	2,275	1,225	1,080	460	985	405	205	360
1977	1,180	1,325	435	535	525	505	220	280
1978	4,835	1,250	3,000	520	1,600	430	235	305
1979	4,625	1,170	3,800	615	645	310	175	245
1980	4,470	1,545	2,605	950	1,345	325	520	275
1981	1,825	1,730	845	920	895	500	85	310
1982	1,705	2,375	1,030	1,340	625	675	45	360
1983	3,870	2,705	3,185	1,640	415	705	270	360
1984	5,090	2,455	2,480	1,475	2,020	720	590	260
1985	3,270	2,170	2,390	1,405	660	530	220	235

^a Data rounded to the nearest \$5 million.

Table 78

Communist Military Aid to Less Developed Countries,
Extensions and Drawings ^a

Million US \$

	Total		USSR		Eastern Europe		China	
	Extended	Drawn	Extended	Drawn	Extended	Drawn	Extended	Drawn
Total	118,755	101,935	95,590	83,085	14,800	12,235	8,365	6,615
1954-75	25,390	17,860	22,095	15,555	2,645	1,725	645	580
1976	6,640	3,560	6,140	3,110	355	350	145	100
1977	10,370	5,245	9,645	4,815	650	355	75	75
1978	3,485	6,720	2,700	6,075	560	550	225	95
1979	9,775	9,085	8,835	8,340	750	645	195	100
1980	16,635	9,030	14,860	8,125	895	645	880	260
1981	12,165	9,915	6,535	8,175	2,595	1,330	3,035	410
1982	14,305	11,435	10,960	8,660	1,775	1,915	1,570	860
1983	4,845	10,280	2,535	7,495	1,445	1,195	865	1,590
1984	10,350	11,160	9,155	7,205	965	2,025	230	1,930
1985	4,795	7,645	2,130	5,530	2,165	1,500	500	615

^a Data rounded to the nearest \$5 million.

Soviet Economic Aid Extended to Less Developed Countries, by Recipient

Million US \$

	1954-85	1984	1985		1954-85	1984	1985
Total	32,916	2,482	2,390				
Africa	9,047	576	572	Zambia	30	...	...
Algeria	1,937	...	340	Other	1,164	117	208
Burkina	6	NEGL	NEGL	East Asia	261	...	...
Cameroon	8	...	...	Indonesia	214	...	...
Central African Republic	3	...	...	Other	47	...	...
Chad	5	...	...	Latin America	2,415	324	211
Congo	74	...	...	Argentina	295	NA	...
Equatorial Guinea	4	NEGL	NEGL	Bolivia	188	...	...
Ethiopia	1,298	276	NEGL	Brazil	158	...	...
Ghana	110	4	NEGL	Chile	238	...	...
Guinea	406	163	7	Other	1,536	324	211
Kenya	49	...	...	Middle East and South Asia	21,194	1,582	1,607
Mali	137	15	...	Afghanistan	3,339	237	325
Mauritania	34	NEGL	16	Bangladesh	515	...	82
Morocco	2,098	...	...	Egypt	1,439	...	...
Niger	2	...	...	India	4,422	...	1,200
Nigeria	1,207	...	...	Iran	1,164	...	...
Rwanda	1	...	...	Iraq	2,178	455	...
Senegal	8	...	...	North Yemen	197	...	...
Sierra Leone	35	...	NEGL	Pakistan	1,210	NA	...
Somalia	164	...	...	Sri Lanka	100	...	...
Sudan	65	...	...	Syria	1,916	820	...
Tanzania	44	...	NA	Turkey	3,399	...	...
Tunisia	123	...	...	Other	1,314	70	...
Uganda	35	...	NEGL				

Table 80

East European Economic Aid Extended to the
Less Developed Countries, by Recipient

Million US \$

	1954-85	1984	1985		1954-85	1984	1985
Total	16,117	2,018	659	Brazil	781	...	...
Africa	4,120	120	386	Chile	145	...	...
Algeria	774	...	...	Colombia	111	30	...
Ethiopia	448	35	21	Ecuador	27	...	8
Ghana	151	...	...	Peru	265	...	12
Guinea	130	...	...	Uruguay	31	...	...
Mali	23	...	...	Venezuela	10	...	...
Morocco	214	...	...	Other	1,193	342	93
Nigeria	674	47	170	Middle East and South Asia	8,356	1,516	160
Somalia	41	...	...	Afghanistan	211	NEGL	NEGL
Sudan	269	...	...	Bangladesh	686	...	...
Tanzania	87	...	...	Egypt	1,728	420	...
Tunisia	281	...	...	India	455	...	...
Zambia	166	...	...	Iran	686	...	...
Other	862	38	195	Iraq	493	...	...
East Asia	682	...	...	Lebanon	9	...	...
Burma	213	...	...	North Yemen	38	...	...
Cambodia	17	...	...	Pakistan	671	520	...
Indonesia	367	...	...	South Yemen	159	16	...
Other	85	...	...	Sri Lanka	93	...	...
Latin America	2,960	382	113	Syria	1,744	260	...
Argentina	298	...	...	Turkey	1,372	300	160
Bolivia	99	10	...	Other	10	...	...

Table 81

Chinese Economic Aid Extended to the
Less Developed Countries, by Recipient

Million US \$

	1956-85		1984	1985	1956-85		1984	1985
Total	6,909	589	222	154	138	345	112	21
Africa	4,084	442	154	12	241	92	25	12
Algeria	92	...	...	...	92	47	...	...
Benin	56	12	...	...	26	62	10	11
Burkina	61	9	1	...	270	65	20	42
Burundi	68	...	10	...	38	42	...	...
Cameroon	103	...	NA	...	125	76	...	...
Central African Republic	29	...	...	...	2,041	123	102	14
Chad	68	...	NEGL	...	193	45	...	...
Congo	199	...	...	...	293	130	NEGL	10
Ethiopia	140	...	2	...	130	753	102	...
Ghana	58	NEGL	...	...	96	222	...	...
Guinea	144	NA	11	...	70	40	...	...
Kenya	77	...	13	...	40	45	...	...
Madagascar	140	...	50	...	...	...	...	...
Mali	135	5	1	...	...	...	...	...
Mauritania	189	50	1	...	...	...	...	...
Mauritius	47	...	12	...	...	...	...	...
Niger	58	5	1	...	...	...	...	...
Rwanda	56	...	...	...	...	...	...	...
Senegal	52	NEGL	NEGL	...	...	...	...	...
Sierra Leone	79	18	NEGL	...	...	...	...	...
Somalia	203	36	...	...	...	...	...	...
Sudan	206	37	30	...	...	...	...	...
Tanzania	587	158	1	...	...	...	...	...
Togo	46	...	...	...	...	...	...	...
Tunisia	97	NA	...	...	...	...	...	...
Uganda	42	...	...	...	...	...	...	...
Zaire	...	...	...	...	...	...	...	...
Zambia	...	...	...	...	...	...	...	...
Other	...	...	...	...	...	...	...	...
East Asia	469	25	12	...	...	...	...	...
Burma	241	15	1	...	...	...	...	...
Cambodia	92	...	...	...	...	...	...	...
Indonesia	47	...	...	...	...	...	...	...
Laos	26	...	...	...	...	...	...	...
Other	62	10	11	...	...	...	...	...
Latin America	270	20	42	...	...	...	...	...
Chile	65	...	...	...	...	...	...	...
Guyana	38	...	...	...	...	...	...	...
Peru	42	...	...	...	...	...	...	...
Other	125	20	42	...	...	...	...	...
Middle East and South Asia	2,041	102	14	...	...	...	...	...
Afghanistan	76	...	...	...	...	...	...	...
Bangladesh	123	...	4	...	...	...	...	...
Egypt	193	...	...	...	...	...	...	...
Iraq	45	...	...	...	...	...	...	...
Nepal	293	NEGL	10	...	...	...	...	...
North Yemen	130	...	...	...	...	...	...	...
Pakistan	753	102	...	...	...	...	...	...
South Yemen	96	...	...	...	...	...	...	...
Sri Lanka	222	...	...	...	...	...	...	...
Syria	70	...	...	...	...	...	...	...
Other	40	...	...	...	...	...	...	...
Europe	45	...	...	...	...	...	...	...
Malta	45	...	...	...	...	...	...	...

Table 82

Soviet Economic Aid Extended to Communist Countries

Million US \$

	1954-84	1979	1980	1981	1982	1983	1984
Total	121,645	9,205	18,110	20,845	15,680	10,000	9,300
Eastern Europe	67,865	4,400	12,500	14,100	9,000	3,800	2,800
East Asia	9,735	940	1,310	1,370	1,145	1,075	1,095
North Korea	1,365	75	260	145	130	50	55
Vietnam	8,370	865	1,050	1,225	1,015	1,025	1,040
Other	44,045	3,865	4,300	5,375	5,535	5,125	5,405
Cuba	33,895	3,180	3,465	4,560	4,665	4,260	4,620
Mongolia	10,150	685	835	815	870	865	785

Table 83

USSR: Economic Assistance to Cuba ^a

Million US \$

	1961-84	1974	1975	1978	1979	1980	1981	1982	1983 ^b	1984 ^b
Total	37,610	340	1,065	2,945	3,180	3,465	4,560	4,665	4,260	4,620
Development aid ^c	10,555	295	150	320	460	830	1,415	975	1,070	1,000
Trade subsidies	27,055	45	915	2,625	2,720	2,635	3,145	3,690	3,190	3,620
Sugar ^d	20,020	-410	575	2,425	2,325	1,165	1,365	2,580	2,740	3,420
Petroleum ^e	6,690	410	310	165	380	1,480	1,655	1,005	345	100
Nickel ^d	345	40	30	35	15	-10	120	105	105	100

^a Based on official Cuban and Soviet trade data.^b Preliminary.^c Based on (a) estimated balance-of-payments aid necessary to cover Cuban trade deficits with the USSR; (b) Cuban purchases of capital goods from Moscow; and (c) public statements by Cuban and Soviet officials concerning the amount of development aid extended. This aid is repayable, but terms are highly concessional. Projection for 1984 is based on preliminary trade data.^d Sugar and nickel subsidies are estimated as the difference between the price Moscow pays for these commodities and their world market value. The difference is considered a grant and not subject to repayment.^e The petroleum subsidy reflects the difference between the value of petroleum purchased from the USSR and the value of these imports at world market prices. It is considered a grant and not subject to repayment.

Table 84

Gross Official Bilateral Capital
Flows to the Less Developed Countries ^a

Million US \$

	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	29,171	32,195	41,779	44,191	54,355	51,201	53,115	51,316	51,428
Development Assistance Committee ^b	21,848	24,803	32,399	35,369	43,221	40,946	44,849	43,135	44,428
United States	6,908	7,079	8,632	8,023	10,953	9,530	12,510	11,419	12,602
France	3,044	3,243	4,088	4,866	6,037	5,727	5,425	5,191	6,010
West Germany	2,602	2,729	3,654	5,090	6,183	5,011	4,750	4,833	4,771
United Kingdom	1,020	1,396	1,925	2,780	2,739	3,246	2,659	2,204	2,059
Japan	3,425	4,266	6,255	5,792	7,026	8,337	9,177	9,627	8,350
Other developed countries ^c	4,849	6,090	7,845	8,818	10,283	9,095	10,328	9,861	10,636
OPEC ^d	6,098	6,067	8,130	7,652	9,589	8,525	5,891	5,476	4,545
Communist countries ^e	1,225	1,325	1,250	1,170	1,545	1,730	2,375	2,705	2,455
USSR	460	535	520	615	945	920	1,340	1,635	1,475
Eastern Europe	405	505	425	310	325	500	675	705	720
China	360	280	305	245	275	310	360	360	260

^a Total gross official capital flows include official development assistance, which is concessional, and other official flows, which are less concessional or are primarily trade facilitating in character.

^b Members of the Organization for Economic Cooperation and Development.

^c Including Australia, Austria, Belgium, Canada, Denmark, Finland, Italy, Norway, the Netherlands, Sweden, and Switzerland; also including Portugal for the period 1954-72.

^d Official development assistance—data for other official flows are not available for OPEC.

^e Data rounded to the nearest \$5 million.

New Zealand became a DAC member in 1974. Disbursements by all donors to China and Yugoslavia are excluded.

Table 85
Net Financial Flows to Developing Countries ^a

Net Disbursements	1976	1977	1978	1979	1980	1981	1982	1983	1984
Total	52.4	57.5	78.1	83.0	85.2	100.8	90.4	75.8	88.3
Official flows	24.5	26.2	34.5	34.9	44.8	43.6	43.8	40.8	42.1
Bilateral	19.9	20.4	27.5	28.7	35.8	36.1	34.5	31.7	32.9
Industrial countries	12.7	13.3	18.4	19.5	23.5	24.7	25.9	23.4	25.7
OPEC ^b	6.0	5.9	7.8	7.4	9.7	8.4	5.8	5.4	4.5
Communist countries ^c	1.2	1.2	1.3	1.8	2.6	3.0	2.8	2.9	2.7
Multilateral	4.6	5.8	7.0	6.2	9.0	7.5	9.3	9.1	9.2
Private flows	27.9	31.3	43.6	48.1	40.4	57.2	46.6	35.0	46.2

^a Net disbursements. Official flows consist of Official Development Assistance (ODA) and Other Official Flows (OOF). Private flows consist of direct investment, private export credits, and portfolio investment.

^b Gross flows of ODA, other official flows are not available.

^c Members of the Council for Mutual Economic Cooperation (CEMA).

Table 86

US Economic Loans and Grants Extended
to the Less Developed Countries ^a

Million US \$

	1946-85 ^b	1975 ^c	1980 ^c	1981 ^c	1982 ^c	1983 ^c	1984 ^c	1985 ^c
Total	156,250	4,548	7,570	7,251	8,040	8,564	9,007	12,311
Africa	13,762	335	800	922	954	971	1,165	1,591
Ethiopia	495	24	15	5	2	3	10	87
Ghana	486	8	28	26	17	7	20	25
Liberia	629	16	24	55	66	63	66	69
Libya	212	0	0	0	0	0	...	...
Morocco	1,383	24	27	56	63	54	84	106
Nigeria	406	9	...	...	...	...	...	...
Tunisia	1,015	13	29	40	17	19	18	30
Zaire	863	5	26	29	24	30	46	61
Other	8,273	236	651	711	765	795	921	1,213
East Asia	25,996	494	407	326	277	286	308	426
Cambodia	914	149	38	14	4	2	3	1
Indonesia	3,329	90	196	130	91	111	116	114
Laos	904	26	...	...	...	...	...	...
Philippines	2,747	68	83	98	107	103	106	240
South Korea	6,049	37	31	28	...	...	...	...
China (Taiwan)	2,207	0	...	...	...	...	...	...
Thailand	919	7	30	31	36	29	42	42
Other	8,927	117	29	25	39	41	41	29
Latin America	18,021	520	498	611	840	1,161	1,217	1,892
Argentina	199	NEGL	...	...	NEGL	...	NEGL	...
Bolivia	974	26	30	13	20	63	78	51
Brazil	2,429	15	2	1	1	NEGL	...	1
Chile	1,182	96	10	12	7	3	2	1
Colombia	1,394	28	23	6	3	4	8	11
Dominican Republic	1,100	12	56	38	82	63	98	171
Ecuador	545	8	12	18	23	27	29	52
Guatemala	637	14	13	19	16	30	20	107

Table 86 (continued)
US Economic Loans and Grants Extended
to the Less Developed Countries ^a

Million US \$

	1946-85 ^b	1975 ^c	1980 ^c	1981 ^c	1982 ^c	1983 ^c	1984 ^c	1985
Mexico	373	NEGL	7	10	9	8	8	11
Panama	540	21	2	11	13	7	12	74
Peru	1,139	16	53	80	55	94	165	79
Venezuela	203	2	...	NEGL	NEGL	NEGL	NEGL	1
Other	7,306	282	290	403	611	862	797	1,333
Middle East and South Asia	54,616	1,786	2,802	2,757	2,958	2,987	3,093	4,470
Afghanistan	540	21	...	...	...	...	...	3
Bangladesh	2,194	304	157	152	172	172	193	205
Egypt	11,811	370	1,166	1,130	1,065	1,005	1,104	1,292
Greece	1,910	0	...	...	...	...	...	...
India	11,233	249	222	275	222	210	213	191
Iran	766	2	...	...	...	...	...	...
Israel	10,801	353	786	764	806	785	910	1,950
Jordan	1,588	99	73	10	15	20	20	100
Pakistan	6,197	181	59	77	200	279	307	339
Turkey	4,096	4	198	201	301	286	140	176
Other	3,480	203	141	148	177	230	206	214
Europe and Oceania	2,306	95	94	41	48	39	59	106
Spain	1,120	3	7	7	22	12	12	12
Other	1,186	92	87	34	26	27	47	94
Interregional	41,549	1,318	2,969	2,594	2,963	3,120	3,165	3,826

^a Data are for fiscal years and are for official development assistance, which is concessional.

^b Data are reported on a net basis, excluding total debt obligations.

^c Data reported are on a gross basis.

Table 87

US Military Deliveries to the Less Developed Countries ^a

Million US \$

	1975-85	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Total	79,421	5,410	7,324	7,546	7,563	5,973	6,965	8,579	10,715	7,778	7,156
North Africa and the Middle East	59,427	4,224	5,609	6,121	6,203	4,324	5,052	6,500	8,685	5,612	4,879
Egypt	3,799	1	12	57	193	209	207	1,066	1,037	348	669
Iran	10,182	1,999	2,555	2,065	2,519	7	0	0	0	0	2
Israel	9,296	1,010	1,091	948	515	853	1,309	1,122	459	495	717
Jordan	1,872	138	112	178	126	277	221	193	344	100	151
Kuwait	887	22	157	191	74	79	67	92	78	66	48
Lebanon	563	5	NEGL	10	11	17	14	39	191	221	53
Morocco	779	20	55	99	142	69	128	64	67	77	55
North Yemen	321	NEGL	22	27	70	72	49	40	17	10	12
Oman	105	1	1	1	1	8	18	34	26	8	5
Saudi Arabia	30,190	1,019	1,594	2,535	2,500	2,640	3,005	3,782	6,092	3,681	2,992
Tunisia	436	3	6	2	45	11	24	16	26	140	161
Other	997	6	4	8	7	82	10	52	348	466	14
Sub-Saharan Africa	923	63	99	111	38	53	72	160	96	122	83
Cameroon	35	1	8	3	NEGL	3	1	3	4	12	NEGL
Kenya	149	0	1	47	8	4	28	25	21	6	8
Liberia	33	1	NEGL	0	2	1	1	1	10	7	10
Nigeria	108	26	4	10	9	11	11	13	7	10	3
Somalia	79	0	0	0	0	0	0	14	21	23	21
Sudan	259	0	0	32	8	22	23	94	14	44	22
Zaire	81	4	9	12	7	10	7	7	8	5	11
Other	179	31	77	7	4	2	1	3	11	15	8

Table 87 (continued)

US Military Deliveries to the Less Developed Countries ^a

Million US \$

	1975-85	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
Latin America	2,357	219	211	125	122	139	101	239	233	331	493
Argentina	144	12	13	24	36	12	11	10	7	4	5
Brazil	287	90	14	12	16	15	15	14	29	21	15
Chile	147	40	57	11	15	10	0	0	0	0	1
Colombia	97	2	8	4	8	5	12	21	12	14	9
Ecuador	129	6	10	24	9	11	8	13	31	10	5
El Salvador	325	1	NEGL	1	NEGL	2	13	59	47	85	117
Mexico	144	2	6	3	2	4	5	76	31	4	10
Peru	159	32	31	18	16	15	10	11	9	4	4
Venezuela	649	13	52	10	14	20	22	30	43	146	257
Other	276	21	20	18	6	45	5	5	24	43	70
Asia	14,821	756	1,200	1,068	1,082	1,329	1,504	1,390	1,525	1,540	1,464
India	101	10	10	11	11	9	5	6	6	19	11
Indonesia	479	35	37	22	30	117	77	29	41	26	44
Malaysia	410	19	44	66	22	24	58	29	51	40	25
Pakistan	1,645	16	44	53	63	57	89	151	261	518	379
Philippines	443	45	50	54	38	56	33	53	32	22	30
Singapore	509	22	22	14	91	29	75	44	105	49	45
South Korea	4,100	357	272	508	474	497	432	404	331	314	303
Taiwan	3,507	183	194	214	227	269	442	467	510	356	476
Thailand	1,593	69	54	113	98	248	271	171	183	190	144
Other	2,034	NEGL	473	13	28	23	22	36	5	6	7
Europe	1,893	148	205	121	118	128	236	290	176	173	237
Portugal	390	2	4	25	11	20	24	88	33	70	111
Spain	1,503	146	201	96	107	108	212	202	143	103	126

^a Fiscal years. Including deliveries under the following programs: (1) Military Assistance Program grants under the various Mutual Security Acts; (2) Foreign Military Sales, which consist of US-financed arms, US-guaranteed private arms credits, and US-approved commercial sales; and (3) Military assistance excess stocks, which involved surplus equipment that has been valued at 33 percent of the original acquisition value.

Table 88

**Military Personnel From the Less Developed Countries
Trained in Communist Countries, 1955-85^a**

Number of persons

	Total	USSR	Eastern Europe	China	Total	USSR	Eastern Europe	China	
Total	86,180	69,680	12,735	3,765	9,300	7,590	1,710	...	
Africa	32,550	23,570	6,075	2,905	30	30	...	...
North Africa	12,145	8,160	3,970	15	9,270	7,560	1,710	...	
Algeria	3,670	2,895	760	15	1,720	1,440	280	...	
Libya	8,330	5,190	3,140	...	805	525	280	...	
Morocco	145	75	70	...	910	910	...	...
Sub-Saharan	20,405	15,410	2,105	2,890	5	5	...	...
Angola	1,780	1,755	5	...	27,090	22,865	3,855	370	
Benin	120	120	NA	...	6,390	5,665	675	50	
Congo	1,480	755	310	415	875	315	530	30	
Equatorial Guinea	200	200	...	...	5,510	4,310	1,030	170
Ethiopia	2,600	2,080	520	NA	4,310	4,310	...	...
Ghana	320	215	105	...	1,685	1,495	90	100	
Guinea	1,440	975	105	360	8,115	6,600	1,515	...	
Mali	970	910	10	50	205	170	15	20	
Mozambique	580	400	130	50	South Asia	15,520	14,215	815	490
Nigeria	975	940	35	...	Afghanistan	10,380	9,725	655	...
Somalia	2,635	2,395	210	30	Bangladesh	485	445	...	40
Sudan	610	330	20	260	India	4,150	3,990	160	...
Tanzania	3,230	2,145	60	1,025	Pakistan	490	45	NA	445
Zambia	685	490	135	60	Sri Lanka	15	10	...	5
Other	2,780	1,680	460	640					

^a Data refer to the minimum number of persons departing for training. Data rounded to nearest 5.

Table 89
Military Personnel From the Less Developed Countries
Trained in Communist Countries, 1985^a

	Total	USSR	Eastern Europe	China		Total	USSR	Eastern Europe	China
Total	9,325	6,465	2,835	25	Mozambique	1,000	NA	1,000	...
Africa	5,020	3,165	1,855	...	Nigeria	240	140	100	...
North Africa	1,000	800	200	...	East Asia	35	...	10	25
Algeria	200	100	100	...	Burma	35	...	10	25
Libya	800	700	100	...	Latin America	1,200	400	800	...
Sub-Saharan Africa	4,020	2,365	1,655	...	Nicaragua	1,200	400	800	...
Angola	1,500	1,400	100	...	Middle East	400	300	100	...
Congo	405	220	185	...	Iraq	300	200	100	...
Ethiopia	680	480	200	...	South Yemen	100	100	...	...
Ghana	75	5	70	...	South Asia	2,670	2,600	70	...
Guinea	55	55	...	...	Afghanistan	2,000	2,000	...	...
Guinea-Bissau	NA	NA	...	...	India	670	600	70	...
Mali	65	65	...	...			

^a Data refer to the minimum number of persons departing for training.

Data rounded to the nearest five persons.

Table 90

Communist Economic and Military Technicians
in Less Developed Countries, by Country, 1985 ^a

Number of persons

	Economic		Military	
	USSR and Eastern Europe	China	USSR and Eastern Europe	China
Total	122,745	46,820	18,375	395
Africa	78,830	8,380	9,280	240
North Africa	64,150	1,975	3,915	20
Algeria	17,150	450	615	20
Libya	44,000	50	3,300	NA
Mauritania	50	400	...	...
Morocco	2,325	75	...	...
Tunisia	625	1,000 ^b	...	...
Other	...	...	...	...
Sub-Saharan	14,680	6,405	5,365	220
Angola	2,475	150	1,050	100
Congo	2,350	35	70	10
Ethiopia	...	...	2,600	...
Gabon	15	100	...	...
Ghana	70	60	...	...
Guinea	620	75	70	...
Guinea-Bissau	210	150	85	...
Kenya	95	125	...	...
Madagascar	170	625	75	...
Mali	505	250	50	5
Mozambique	1,400	150	950	...
Niger	25	125	...	...
Nigeria	4,880	100	50	...
Rwanda	10	600	...	NA
Sao Tome/Principe	150	15	150	...
Senegal	50	100	...	...
Sierra Leone	10	35	...	...
Somalia	...	1,000	...	20
Sudan	105	400	20	5
Tanzania	110	550	90	...

Table 90 (continued)
Communist Economic and Military Technicians
in Less Developed Countries, by Country, 1984 ^a

Number of persons

	Economic		Military	
	USSR and Eastern Europe	China	USSR and Eastern Europe	China
Zambia	315	100	100	...
Other	1,115	1,660	40	80
East Asia	255	115	...	...
Europe	10	225	...	...
Latin America	1,465	200	260	...
Bolivia	40	...	...	...
Brazil	120	...	...	...
Colombia	60	60	...	...
Nicaragua	695	...	160	...
Peru	90	10	100	...
Uruguay	10	...	...	...
Other	450	130	...	...
Middle East	34,200	37,425	6,260	115
Iran	1,500 ^b	...	1,200	...
Iraq	15,625	17,000	1,300	50
North Yemen	650	6,000	310	...
South Yemen	3,250	...	1,100	...
Syria	5,500	15	2,300	...
Other	7,675	14,410	50	65
South Asia	7,985	475	2,575	40
Afghanistan	5,225	...	2,025	...
Bangladesh	95	100	50	40
India	1,600	...	500	...
Nepal	15	225	...	...
Pakistan	955	100	...	...
Sri Lanka	90	50	...	...
Other	5	...	...	...

^a Minimum estimates of number of present for one month or more. Data rounded to the nearest five persons.

^b Most of these technicians departed by the end of the year.

Table 91

Academic, Technical, and Military Trainees Departing
From Less Developed Countries for Training in Communist Countries,
by Area of Destination ^a

Number of persons

	1979	1980	1981	1982	1983	1984	1985
Total trainees	19,030	20,700	19,900	22,990	26,900	29,475	35,990
USSR and Eastern Europe	18,965	20,610	19,750	22,760	26,495	29,065	35,465
China	65	90	150	230	405	410	525
Academic trainees	13,865	13,530	12,520	12,825	14,995	16,820	19,355
USSR and Eastern Europe	13,815	13,480	12,465	12,470	14,795	16,695	19,085
China	50	50	55	85	200	125	270
Technical trainees	2,975	3,745	4,805	5,110	5,715	5,565	6,850
USSR and Eastern Europe	2,975	3,745	4,805	5,035	5,665	5,540	6,850
China	...	...	...	75	50	25	...
Military trainees	2,190	3,425	2,575	5,055	6,190	7,090	9,785
USSR and Eastern Europe	2,175	3,385	2,480	4,985	6,035	6,830	9,530
China	15	40	95	70	155	260	255

^a Data rounded to the nearest five persons. Data are for persons departing for training and not necessarily those completing training.

Table 92

Arms Transfers to Non-Communist Less Developed Countries,
by Major Western Supplier, 1973-83

Million US \$

	United States	France	Italy	United Kingdom	West Germany
Total	21,765	15,560	4,240	7,475	4,265
Africa	820	3,000	1,485	675	1,415
Algeria	0	30	0	50	300
Libya	0	850	700	40	380
Morocco	430	950	50	0	5
Nigeria	20	230	120	150	300
Sudan	110	10	10	10	270
Tunesia	110	130	70	5	20
East Asia	5,410	375	320	275	285
China (Taiwan)	1,700	0	0	0	0
Indonesia	270	200	5	100	160
South Korea	1,900	10	5	5	30
Thailand	850	10	230	70	0
Latin America	715	1,855	1,090	555	1,215
Argentina	80	360	180	150	925
Brazil	80	60	70	260	0
Chile	10	600	0	40	10
Ecuador	40	410	180	50	0
Peru	50	260	110	0	240
Venezuela	110	30	550	10	0
Middle East	14,225	9,695	1,255	5,065	1,155
Egypt	2,400	1,200	320	575	210
Iran	1,200	20	150	140	5
Iraq	0	3,800	410	280	140
Israel	3,800	0	0	0	0
Jordan	975	1,000	0	1,100	5
Kuwait	180	0	110	50	70
Oman	80	20	10	430	0
Qatar	10	440	0	310	0
Saudi Arabia	5,100	2,500	200	1,900	525
Syria	0	200	0	180	40
United Arab Emirates	20	350	30	90	110
South Asia	595	635	90	905	195
India	40	80	50	875	5
Pakistan	550	550	40	10	190

Energy

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Table 93
Primary Energy Production ^a

Thousand barrels per day of oil equivalent

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD											
United States	21,143	30,819	31,071	30,154	32,162	32,567	32,397	32,180	30,857	33,027	32,607
Canada	1,750	3,709	4,942	4,678	5,258	4,840	4,810	4,821	5,028	5,483	5,939
Japan	1,017	1,028	774	874	1,076	1,178	1,189	1,237	1,266	1,297	1,382
Norway	158	298	405	589	1,297	1,424	1,447	1,467	1,646	1,762	1,816
European Community	6,940	7,220	7,770	8,280	10,200	10,400	10,800	11,000	11,400	11,100	12,100
France	1,082	1,026	860	899	983	1,129	1,363	1,324	1,498	1,702	1,787
Netherlands	216	648	1,349	1,702	1,754	1,713	1,589	1,363	1,342	1,379	1,488
United Kingdom	2,693	2,348	2,453	2,571	4,125	4,242	4,417	4,715	4,990	4,322	4,946
West Germany	2,503	2,495	2,400	2,357	2,484	2,523	2,502	2,595	2,510	2,581	2,748
Other countries											
Indonesia	428	873	1,364	1,359	1,920	1,933	1,967	1,693	1,820	2,053	1,819
Iran	1,126	3,920	6,267	5,802	3,564	1,819	1,518	2,446	2,717	2,454	2,527
Kuwait	1,766	3,138	3,171	2,225	2,773	1,830	1,273	925	1,192	1,243	1,161
Mexico	445	825	944	1,226	2,244	2,914	3,249	3,720	3,628	3,687	3,807
Saudi Arabia	1,405	3,929	7,763	7,312	10,046	10,469	10,641	7,100	5,538	5,096	3,865
Venezuela	2,940	3,945	3,717	2,690	2,784	2,539	2,488	2,311	2,215	2,236	2,044
Communist countries											
USSR and Eastern Europe	13,100	22,400	25,100	27,700	32,600	33,300	33,700	34,900	35,700	36,900	37,900
USSR	9,250	17,074	19,541	21,906	26,298	27,029	27,694	28,487	29,193	30,220	31,085
Eastern Europe	3,870	5,280	5,550	5,840	6,330	6,250	5,980	6,370	6,470	6,650	6,770
Bulgaria	109	151	133	143	169	175	186	203	210	218	221
Czechoslovakia	761	906	898	907	979	967	963	985	996	1,002	1,015
East Germany	1,027	1,172	1,105	1,126	1,198	1,220	1,260	1,289	1,304	1,405	1,487
Hungary	207	277	276	270	287	281	279	289	293	305	307
Poland	1,278	1,895	2,133	2,294	2,600	2,493	2,138	2,435	2,476	2,525	2,553
Romania	487	879	1,009	1,096	1,098	1,115	1,155	1,165	1,193	1,197	1,189
Other											
China	NA	4,131	5,476	6,776	8,995	8,856	8,816	9,315	9,900	10,700	11,521
North Korea	120	365	435	455	635	725	750	770	805	820	820
Yugoslavia	202	330	362	402	496	532	552	572	604	659	644

^a Data are for coal, crude oil, natural gas, natural gas liquids, hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

Table 94
Primary Energy Consumption ^a

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984
OECD	37,800	63,100	71,900	69,500	79,100	77,200	75,300	71,900	72,300	75,000
United States	20,628	31,416	35,017	34,068	38,804	37,846	36,944	34,908	34,971	36,359
Canada	1,960	3,079	3,681	3,787	4,448	4,590	4,508	4,222	4,309	4,489
Japan	1,931	5,758	7,070	6,874	7,715	7,487	7,289	7,075	7,155	7,688
Norway	186	360	404	406	492	485	496	483	515	535
Spain	433	939	1,192	1,285	1,559	1,494	1,452	1,460	1,484	1,508
European Community	10,800	17,800	20,100	18,600	20,900	20,100	19,400	18,600	18,600	19,100
Belgium ^b	588	968	1,090	971	1,102	1,055	990	926	900	942
France	1,840	3,143	3,730	3,440	4,036	4,019	3,923	3,744	3,779	3,873
Italy	1,058	2,450	2,791	2,663	2,980	2,914	2,861	2,738	2,729	2,783
Netherlands	487	1,155	1,476	1,394	1,606	1,507	1,422	1,281	1,317	1,373
United Kingdom	3,506	4,530	4,736	4,321	4,442	4,189	3,997	3,904	3,892	3,881
West Germany	2,960	4,876	5,473	5,006	5,788	5,544	5,331	5,088	5,130	5,315
Communist countries										
USSR and Eastern Europe	12,300	20,800	23,800	25,900	30,500	31,200	31,300	32,100	32,900	34,300
USSR	8,499	14,871	17,183	18,832	22,148	22,729	23,080	23,729	24,365	25,548
Eastern Europe	3,800	5,950	6,620	7,110	8,340	8,450	8,260	8,380	8,490	8,770
Bulgaria	132	391	470	526	640	646	667	703	715	721
Czechoslovakia	798	1,136	1,243	1,298	1,498	1,470	1,472	1,478	1,523	1,539
East Germany	1,171	1,491	1,538	1,576	1,798	1,835	1,835	1,827	1,900	1,966
Hungary	269	431	475	509	605	598	584	581	575	628
Poland	1,053	1,653	1,863	2,078	2,466	2,533	2,343	2,419	2,353	2,490
Romania	376	844	1,031	1,125	1,330	1,366	1,359	1,370	1,428	1,426
Other										
China	4,226	4,100	5,475	6,360	8,202	8,439	8,323	8,671	9,191	9,903
Yugoslavia	227	448	542	598	791	831	825	836	898	959

^a Data are for coal, crude oil, natural gas liquids, natural gas, and hydroelectric and nuclear electricity expressed in terms of oil equivalent. Data exclude minor fuels such as peat, shale, and fuelwood and include marine bunkers.

^b Including data for Luxembourg.

Table 95
Primary Energy Production, by Type ^a

Thousand barrels per day of oil equivalent

	1970			1980			1985					
	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear	Coal	Crude Oil	Natural Gas	Hydro/ Nuclear
OECD												
United States	7,359	11,380	10,686	1,394	9,785	10,170	9,838	2,774	10,281	10,493	8,395	3,438
Canada	171	1,625	1,110	803	437	1,754	1,202	1,447	729	1,787	1,633	1,790
Japan	538	18	45	427	244	10	39	885	222	10	39	1,111
European Community												
France	523	68	118	317	284	51	129	665	213	70	93	1,411
Netherlands	59	43	544	2	0	35	1,657	21	0	75	1,394	19
United Kingdom	1,992	2	194	160	1,762	1,639	629	212	1,244	2,633	731	338
West Germany	1,999	152	224	120	1,789	93	327	314	1,687	81	297	683
Other countries												
Indonesia	2	855	10	6	5	1,596	319	13	15	1,275	514	15
Iran	7	3,870	35	8	10	1,672	122	15	10	2,268	234	15
Kuwait	0	3,050	88	0	0	1,759	71	0	0	1,090	71	0
Mexico	40	475	234	76	70	2,129	634	81	80	2,998	639	90
Saudi Arabia	0	3,890	39	0	0	10,272	197	0	0	3,743	122	0
Venezuela	1	3,753	170	21	1	2,225	239	74	1	1,671	297	75
Communist countries												
USSR	6,077	7,058	3,279	660	6,652	12,031	7,172	1,174	6,800	11,905	10,630	1,750
Eastern Europe												
Bulgaria	125	7	8	12	116	3	3	53	122	3	0	96
Czechoslovakia	861	4	17	23	905	2	9	51	915	2	10	88
East Germany	1,150	1	10	12	1,082	1	53	84	1,309	1	85	92
Hungary	182	39	56	1	140	41	99	1	126	40	113	28
Poland	1,790	8	84	11	2,364	7	104	18	2,432	4	99	18
Romania	125	281	460	13	178	241	639	57	214	213	707	55
Other												
China	3,298	590	71	172	6,198	2,076	254	329	8,260	2,496	239	526
North Korea	315	0	0	50	660	0	0	65	750	0	0	70
Yugoslavia	164	56	18	93	254	85	31	162	371	83	40	150

^a Data are for coal, crude oil, (including natural gas liquids), natural gas, hydroelectric and nuclear electric power expressed in terms of oil equivalent, and exclude minor fuels such as peat, shale, and fuelwood.

Table 96
Proved Reserves of Crude Oil, Natural Gas,
and Coal, Yearend 1985^a

OECD	Crude Oil ^b (Billion barrels)	Natural Gas ^b (Trillion cubic feet)	Coal ^c (Million metric tons)	Other countries (continued)	Crude Oil ^b (Billion barrels)	Natural Gas ^b (Trillion cubic feet)	Coal ^c (Million metric tons)
United States	35 ^d	197	102,000	Nigeria	17	47	100
Canada	8 ^d	100	4,900	Oman	4	6	0
Norway	11	104	NA	Qatar	3	148	0
European Community				Saudi Arabia	169	121	0
United Kingdom	13	33	14,000	South Africa	NEGL	NEGL	30,000
West Germany	NEGL	6	25,500	Syria	1	1	0
Other countries				United Arab Emirates	32	33	0
Algeria	9	107	NA	Venezuela	26	59	750
Brazil	2	3	900	Communist countries			
Ecuador	2	4	0	USSR and Eastern Europe			
Egypt	3	7	NEGL	USSR	50-80 ^e	1,200	173,800
India	4	17	16,650	Eastern Europe			
Indonesia	8	36	2,600	Poland	NEGL	5	37,000
Iran	48	470	200	Romania	1	9	400
Iraq	44	29	0	Other			
Kuwait	70	32	0	North Korea	0	0	10,000
Libya	21	21	0	Yugoslavia	NEGL	1	8,700
Mexico	49	77	1,000				

^a The portion of total resources which has been assessed as being exploitable under local economic conditions and available technology.

^b Sources for Non-Communist countries: *Oil Energy Trends and Oil and Gas Journal*.

^c Yearend 1984. Data are expressed in terms of coal equivalent (7,000 kilocalories per kilogram) and include anthracite, bituminous and subbituminous coal, and brown coal/lignite.

^d For comparability, US and Canadian crude oil reserves have been adjusted upward to include estimated NGL reserves.

^e The Soviets do not publish reserve statistics on oil. Most recent published US and Western European estimates fall within this range.

Table 97

Crude Oil Production ^a

Thousand barrels per day

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD ^b	7,860	11,500	11,800	10,800	12,800	12,900	12,900	13,300	13,800	14,300	14,700
United States	7,055	9,648	9,208	8,375	8,550	8,597	8,572	8,658	8,680	8,735	8,933
Canada	526	1,305	1,800	1,439	1,496	1,424	1,285	1,270	1,356	1,411	1,457
Norway	0	0	32	189	403	528	501	518	614	700	785
European Community	221	264	212	196	1,750	1,810	2,020	2,330	2,560	2,830	2,860
United Kingdom	3	2	2	2	1,568	1,619	1,811	2,094	2,299	2,535	2,533
Other countries											
Algeria	183	976	1,065	945	1,154	1,020	803	701	699	638	645
Indonesia	411	855	1,339	1,307	1,591	1,576	1,604	1,324	1,385	1,466	1,235
Iran	1,068	3,831	5,861	5,350	3,168	1,662	1,381	2,282	2,492	2,187	2,258
Iraq	1,004	1,563	2,018	2,262	3,477	2,514	993	972	922	1,203	1,069
Kuwait ^c	1,696	2,983	3,018	2,085	2,497	1,661	1,132	822	1,076	1,117	1,040
Libya	0	3,321	2,175	1,480	2,092	1,830	1,137	1,183	1,076	1,073	1,069
Mexico	271	420	465	705	1,461	1,936	2,321	2,746	2,666	2,746	2,733
Nigeria	17	1,090	2,054	1,783	2,302	2,058	1,445	1,298	1,241	1,393	1,464
Saudi Arabia ^c	1,315	3,789	7,600	7,075	9,535	9,903	9,810	6,486	5,062	4,649	3,468
United Arab Emirates	0	691	1,533	1,663	1,831	1,702	1,500	1,248	1,119	1,097	1,146
Venezuela	2,846	3,708	3,366	2,346	2,356	2,165	2,108	1,893	1,781	1,813	1,621
Communist countries											
USSR and Eastern Europe	3,210	7,300	8,710	9,920	11,700	12,000	12,100	12,100	12,100	12,100	11,600
USSR	2,943	6,976	8,370	9,570	11,405	11,700	11,800	11,830	11,864	11,728	11,350
Eastern Europe	266	327	342	349	300	284	285	287	281	278	263
Bulgaria	4	7	4	2	3	3	3	3	2	2	3
Czechoslovakia	3	4	3	3	2	2	2	2	2	2	2
East Germany	1	1	1	1	1	1	1	1	1	1	1
Hungary	24	39	40	40	41	41	40	41	40	40	40
Poland	4	8	8	11	7	7	6	5	4	4	4
Romania	230	268	286	292	246	230	233	235	232	229	213
Other											
Albania	15	30	34	37	NA	NA	NA	NA	NA	NA	NA
China	102	602	1,138	1,542	2,123	2,113	2,024	2,042	2,121	2,280	2,496
Cuba	1	3	3	5	5	5	5	11	15	15	17
Yugoslavia	18	57	68	74	83	85	88	87	83	83	83

^a Unless otherwise indicated, data are for crude oil and

exclude natural gas liquids, shale oil, natural gasoline, and

synthetic crude oil.

^b Including shale oil.^c Including about one-half of Neutral Zone production.

Table 98
Crude Oil Refining Capacity
1 January 1986

OECD	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
United States	35,272	15,182	17,310	16,320	18,515	17,005	16,060	15,295	15,185	15,710	15,695
Australia	623	1,856	5,390	4,965	5,500	5,000	4,695	4,500	4,330	4,495	4,195
Canada	1,856	4,613	1,755	1,660	1,850	1,815	1,720	1,575	1,425	1,445	1,450
Japan	4,613	1,367	1,470	1,195	1,390	1,310	1,195	1,085	1,000	1,000	1,030
Spain	1,367	11,142	2,485	2,195	2,405	2,255	2,010	1,870	1,800	1,755	1,730
European Community	11,142	1,760	2,080	1,915	2,035	1,950	1,875	1,770	1,715	1,640	1,665
Belgium	652	540	760	890	1,050	1,060	1,010	1,000	1,000	895	820
France	1,947	2,030	2,270	1,875	1,900	1,635	1,495	1,575	1,480	1,805	1,615
Italy	2,738	2,570	2,985	2,565	2,905	2,605	2,330	2,230	2,205	2,205	2,240
Netherlands	1,468	2,260	2,640	2,400	2,505	2,535	2,385	2,305	2,275	2,165	2,260
United Kingdom	1,792										
West Germany	1,933										
OPEC	5,860										
Abu Dhabi	185										
Algeria	465										
Ecuador	88										
Gabon	23										
Indonesia	636										
Iran	530										
Iraq	318										
Kuwait	634										
Libya	330										
Nigeria	250										
Qatar	56										
Saudi Arabia	1,115										
Venezuela	1,230										
Other	667										
Argentina	350										
Bahamas	1,305										
Brazil	434										
Egypt	867										
India	1,269										
Mexico	320										
Netherlands Antilles	1,018										
Singapore											
Trinidad and Tobago	260										
Virgin Islands	600										
Communist countries											
USSR and Eastern Europe	13,280										
USSR	10,750										
Eastern Europe	2,530										
Bulgaria	300										
Czechoslovakia	450										
East Germany	450										
Hungary	300										
Poland	380										
Romania	650										
Other											
China	2,150										
Cuba	139										
North Korea	74										
Yugoslavia	530										

Table 99
Oil Consumption

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
United States	9,795	14,695	17,310	16,320	18,515	17,005	16,060	15,295	15,185	15,710	15,695
Japan	590	4,000	5,390	4,965	5,500	5,000	4,695	4,500	4,330	4,495	4,195
Canada	835	1,485	1,755	1,660	1,850	1,815	1,720	1,575	1,425	1,445	1,450
Western Europe	4,010	12,400	14,700	13,000	14,200	13,300	12,300	11,800	11,500	11,500	11,360
Belgium, Luxembourg, Netherlands	420	1,290	1,470	1,195	1,390	1,310	1,195	1,085	1,000	1,000	1,030
France	580	1,950	2,485	2,195	2,405	2,255	2,010	1,870	1,800	1,755	1,730
Italy	475	1,760	2,080	1,915	2,035	1,950	1,875	1,770	1,715	1,640	1,665
Spain ^a	120	540	760	890	1,050	1,060	1,010	1,000	1,000	895	820
United Kingdom	975	2,030	2,270	1,875	1,900	1,635	1,495	1,575	1,480	1,805	1,615
West Germany	660	2,570	2,985	2,565	2,905	2,605	2,330	2,230	2,205	2,205	2,240
Other	780	2,260	2,640	2,400	2,505	2,535	2,385	2,305	2,275	2,165	2,260

^a Including the Canary Islands.

Table 100
Major Exporters of Oil ^a

Thousand barrels per day

	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
Non-Communist countries ^b										
United Arab Emirates	777	1,522	1,661	1,818	1,697	1,440	1,104	1,001	973	1,010
Algeria	985	1,029	940	1,031	868	708	607	554	483	495
Indonesia	725	1,167	1,095	1,270	1,197	1,191	868	910	949	740
Iran	3,519	5,424	4,886	2,580	952	816	1,644	1,920	1,576	1,700
Iraq	1,499	1,933	2,096	3,309	2,494	697	743	676	943	1,220
Kuwait ^c	2,831	2,847	1,991	2,372	1,551	1,005	669	907	955	930
Libya	3,313	2,210	1,478	2,051	1,776	1,049	1,050	958	947	1,040
Mexico	0	0	95	533	828	1,098	1,492	1,537	1,600	1,573
Nigeria	1,055	1,993	1,719	2,234	2,034	1,272	1,088	1,024	1,162	1,290
Saudi Arabia ^c	3,564	7,346	6,789	9,051	9,309	9,142	5,642	4,218	3,760	2,550
Venezuela	3,470	3,150	2,086	2,094	1,837	1,761	1,553	1,357	1,362	1,160
Communist countries										
USSR ^d	1,920	2,380	2,600	3,280	3,280	3,220	3,390	3,670	3,670	3,370

^a Including refined products.

^b Excluding bunkers.

^c Including one-half of neutral zone production.

^d Gross basis.

Table 101
Major Importers of Oil

Thousand barrels per day

	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD										
United States	3,419	6,256	6,056	8,388	6,767	5,982	5,113	5,051	5,381	5,046
Japan	4,206	5,576	5,008	5,635	5,091	4,650	4,451	4,313	4,474	4,221
France	2,146	2,875	2,278	2,762	2,549	2,177	1,977	1,851	1,790	1,923
Italy	2,345	2,669	2,121	2,435	2,152	2,126	2,051	1,842	1,827	1,822
West Germany	2,676	3,001	2,509	2,972	2,692	2,278	2,224	2,186	2,162	2,200
Communist countries										
Bulgaria	172	241	254	309	312	318	323	308	317	313
Czechoslovakia	218	310	339	396	403	396	363	357	360	361
East Germany	209	323	343	417	445	462	437	456	470	482
Hungary	107	151	188	233	206	187	204	207	208	207
Poland	189	285	330	410	415	349	327	350	339	343
Romania	46	83	102	286	319	254	218	245	272	280

Table 102
Imports of Crude Oil and Refined Products
by the OECD Countries, 1985

	OECD	United States	Canada	Japan	Western Europe				Italy	Netherlands	Spain	Other	Australia	New Zealand
					Total	West Germany	France	United Kingdom						
Algeria	807	190	23	9	585	121	99	28	99	108	57	73	0	0
Bahrain	32	0	0	22	3	0	0	1	2	0	0	0	4	3
Egypt	303	3	0	45	255	39	34	2	138	8	13	21	0	0
Iraq	778	46	0	59	673	9	137	40	135	29	121	202	0	0
Kuwait	498	21	0	109	342	20	29	24	133	95	3	38	26	0
Libya	923	4	4	1	914	195	68	44	290	50	94	173	0	0
Qatar	268	NEGL	0	210	49	0	33	1	6	7	2	0	9	0
Saudi Arabia	1,866	167	0	958	688	63	132	60	133	78	29	193	41	12
United Arab Emirates	981	45	0	792	131	6	54	5	23	6	19	18	13	0
OAPEC	6,456	476	27	2,205	3,640	453	586	205	959	381	338	718	93	15
Ecuador	71	69	0	2	0	0	0	0	0	0	0	0	0	0
Gabon	123	52	0	0	71	3	42	3	1	2	18	2	0	0
Indonesia	801	306	0	469	8	0	2	3	0	0	3	0	12	6
Iran	939	27	11	248	652	53	82	12	146	102	85	172	1	0
Nigeria	1,147	287	14	0	845	197	165	61	142	80	76	124	1	0
Venezuela	1,015	608	74	13	320	109	20	25	77	14	31	44	0	0
OPEC ^a	10,217	1,822	126	2,870	5,278	776	863	306	1,185	571	538	1,039	103	18
Other ^b	5,948 ^c	3,220	177	1,284	3,013 ^d	1,428	948	674	497	1,056	436	1,962	57	38
Total	16,500^c	5,045	304	4,221	8,549^d	2,243	1,845	983	1,822	1,635	987	3,022	164	59
Consumption	33,410	15,695	1,450	4,195	11,360	2,240	1,730	1,615	1,665	610	820	2,680	630	80

^a OAPEC members excluding Bahrain and Egypt, plus other countries shown.

^b Including unknown.

^c Excluding intra-OECD trade.

^d Excluding intra-European trade.

Table 103

Natural Gas Production ^a

Billion cubic feet

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD ^b	13,700	27,100	31,100	29,500	31,500	30,200	29,800	27,900	26,300	28,200	28,000
United States ^c	12,770	21,920	21,600	20,110	20,470	20,180	19,955	18,520	16,820	18,230	17,220
Canada	525	2,275	3,120	3,090	3,345	2,465	2,430	2,500	2,520	2,760	3,350
Norway	0	0	0	10	905	885	900	895	905	965	900
European Community	356	2,690	5,010	5,950	6,240	6,080	5,910	5,360	5,460	5,540	5,740
Netherlands	12	1,117	2,640	3,385	3,490	3,400	3,155	2,685	2,640	2,655	2,860
United Kingdom	NEGL	398	1,020	1,275	1,365	1,290	1,285	1,265	1,395	1,420	1,500
West Germany	16	465	550	515	630	670	680	595	625	655	610
Other countries											
Algeria	NEGL	160	170	335	550	410	770	940	1,280	1,360	1,320
Indonesia	NA	NA	30	80	555	655	665	675	770	1,060	1,055
Mexico ^d	222	250	481	540	585	920	1,300	1,070	1,120	1,480	1,375
Venezuela	163	250	349	460	450	465	490	510	600	550	610
Communist countries ^e											
USSR and Eastern Europe	2,040	5,230	8,250	10,000	12,000	16,300	17,300	18,400	19,700	20,900	22,700
USSR ^c	1,600	4,508	6,990	8,346	10,215	14,359	15,370	16,421	17,685	18,921	20,721
Eastern Europe	435	722	1,260	1,660	1,800	1,950	1,950	2,000	2,010	2,020	1,960
Bulgaria	0	3	17	8	4	5	7	5	5	5	5
Czechoslovakia	51	34	43	37	33	39	23	23	23	22	21
East Germany	1	5	44	248	257	300	300	300	300	300	300
Hungary	12	39	123	170	183	230	217	212	234	229	244
Poland	19	49	183	213	211	259	224	218	195	193	214
Romania	352	592	847	989	1,115	1,117	1,179	1,239	1,252	1,275	1,176
Other											
China	NA	39	136	226	325	512	504	444	411	411	438
Yugoslavia	2	12	35	47	55	66	64	78	81	76	71

^a Data include only gas from natural gas wells and associated gas from petroleum fields.

^b Data are for net production—that is, for gas actually collected and utilized as fuel or raw material. They exclude gas used for reinjection, as well as gas flared, vented, or wasted, whether or not it has been processed for the extraction of natural gasoline.

^c Data for the United States are in terms of net marketed production. Data for the USSR refer to gross production less losses and waste. US gross production (less losses and waste), which includes gas reinjected in order to maintain reservoir pressure, would be as follows (in billion cubic feet):

1960 1965 1970 1973 1975 1979
14,510 17,660 23,790 24,065 21,105 21,885

1980 1981 1982 1983 1984
21,870 21,585 20,210 18,320 20,150

A much smaller share of total production in the USSR is believed to be used for reinjection.

^d Including gas used for repressuring and gas wasted.

^e Gross production.

Table 104
Hard Coal Production ^a

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD	923	983	914	953	1,050	1,100	1,100	1,130	1,080	1,130	1,170
United States	391.53	550.39	530.13	576.18	670.62	710.38	700.84	712.38	656.76	755.38	741.02
Australia	21.90	45.21 ^b	55.48 ^b	60.70	73.42	73.63	87.38	96.79	109.08	124.55	135.00
Canada	8.02	11.60	16.82	21.71	28.01	30.58	33.28	35.32	37.15	47.48	51.01
Japan ^c	51.07	39.69	22.41	19.00	17.64	18.03	17.69	17.61	17.06	16.64	16.38
Spain	13.78	10.75	10.00	10.82	11.86	13.15	14.27	15.59	15.29	15.13	16.10
European Community	432	317	272	257	240	251	242	245	232	158	203
Belgium	22.47	11.36	8.84	7.89	6.12	6.32	6.13	6.54	6.10	6.30	6.30
France	55.96	37.36	26.35	23.64	18.61	20.20	20.30	17.06	17.00	16.60	15.20
United Kingdom ^d	196.71	147.11	132.02	128.68	122.36	130.09	127.46	124.72	119.22	51.25	91.88
West Germany ^e	143.26	116.34	102.99	96.76	93.31	94.49	88.46	96.31	89.62	84.04	89.70
Other countries											
India	52.59	73.69	77.87	95.89	103.45	109.10	122.45	128.32	134.83	144.77	146.00
South Africa	38.17	54.61	62.35	69.44	105.48	116.04	131.18	136.91	139.01	140.00	NA
South Korea	5.35	12.39	13.57	17.58	18.20	18.54	19.99	20.23	18.95	20.64	23.29
Communist countries											
USSR and Eastern Europe	496	613	657	696	737	725	683	716	716	713	721
USSR	355.92	432.72	461.22	485.00	497.00	493.00	481.00	488.00	487.00	484.00	492.50
Eastern Europe	140	180	196	211	240	232	202	228	229	229	229
Bulgaria	0.57	0.40	0.35	0.33	0.27	0.27	0.24	0.24	0.24	0.22	0.24
Czechoslovakia	26.40	28.20	27.78	28.12	28.11	27.68	27.51	27.50	26.91	26.42	26.22
East Germany	2.72	1.05	0.75	0.54	0.05	NEGL	NEGL	NEGL	NEGL	NEGL	NEGL
Hungary	2.85	4.15	3.41	3.02	3.00	3.07	3.07	3.04	2.83	2.57	2.30
Poland	104.44	140.10	156.63	171.62	200.94	193.12	163.02	189.31	191.09	191.60	191.64
Romania	3.40	6.40	7.17	7.32	8.11	8.06	8.29	8.34	7.79	8.46	8.40
Other											
China ^f	280.00	327.40	398.10	478.00	635.00	620.00	622.00	666.00	715.00	789.00	850.00
North Korea ^f	6.80	21.80	26.40	27.30	39.50	45.60	47.20	48.80	50.40	52.00	52.00
Yugoslavia	1.28	0.64	0.58	0.60	0.43	0.39	0.38	0.39	0.39	0.39	0.40

^a Unless otherwise indicated, data are for net production of anthracite and bituminous coal.
^b Twelve months ending 30 June of the stated year.
^c Including brown coal.
^d Excluding data for Northern Ireland.
^e Including low-quality coal at its hard-coal equivalent.
^f Raw production. Including a negligible amount of brown coal.

Table 105

Brown Coal and Lignite Production

Million metric tons

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD	111	166	190	210	263	272	290	296	304	318	327
United States	2.49	7.21	12.88	17.71	38.01	42.31	46.47	47.94	52.74	57.39	62.83
Australia	15.21	24.18 ^a	24.68 ^a	28.18	32.54	32.89	32.89	37.81	34.09	35.11	37.20
Austria	5.97	3.67	3.63	3.40	2.74	2.87	3.06	3.30	3.04	2.90	3.10
Canada	1.97	3.46	3.65	3.55	5.02	5.98	6.80	7.49	7.76	9.92	9.67
Spain	1.76	2.83	3.00	3.38	10.69	15.46	20.68	23.50	24.30	24.42	23.30
Turkey	1.91	4.44	5.73	7.11	14.96	15.05	17.05	16.16	22.79	24.28	31.67
European Community	104	120	136	146	159	158	163	160	159	164	159
Greece	2.49	8.08	13.57	18.41	23.57	23.20	27.31	27.29	30.34	32.38	35.50
West Germany	96.22	107.77	118.66	123.38	130.61	129.86	130.64	127.31	124.28	127.30	120.20
Other countries											
India	0.05	3.54	3.32	2.79	3.25	4.55	5.96	6.67	7.30	7.66	7.80
Communist countries											
USSR and Eastern Europe ^b	469	587	588	602	627	630	635	656	669	704	718
USSR	134.21	144.74	153.47	160.00	161.00	160.00	157.00	159.00	155.00	154.00	156.00
Eastern Europe	335	442	434	442	466	470	478	497	514	550	562
Bulgaria	15.42	28.85	26.46	27.52	27.96	29.95	28.98	31.97	33.56	33.76	32.21
Czechoslovakia	57.89	81.30	81.25	86.27	96.21	95.73	95.29	98.84	100.47	102.86	100.39
East Germany	225.47	261.48	246.25	246.71	256.06	258.10	266.73	276.04	278.00	296.00	312.00
Hungary	23.68	23.68	23.37	21.87	22.66	22.64	22.88	23.04	22.39	22.47	22.20
Poland	9.33	32.77	39.22	39.87	38.08	36.87	35.54	37.65	42.52	58.90	57.70
Romania	3.36	14.13	17.68	19.77	24.66	27.10	28.64	29.56	36.73	35.82	37.65
Other											
North Korea ^c	3.80	5.70	6.60	7.70	12.50	14.40	15.80	16.20	16.90	17.20	17.00
Yugoslavia	21.43	27.78	31.87	34.94	41.68	46.61	51.54	54.20	59.00	64.68	65.10

^a Twelve months ending 30 June of the year stated.^b Net output.^c Including unknown amounts of hard coal.

Table 106
Electricity Production ^a

Billion kilowatt-hours

	1960	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD ^b	1,710	3,520	4,300	4,400	5,260	5,240	5,290	5,220	5,430	5,670	5,870
United States ^c	893.72	1,742.73	2,086.28	2,131.06	2,472.14	2,437.82	2,447.98	2,386.69	2,459.24	2,574.07	2,634.65
Of which: Hydro	149.12	250.70	275.33	303.15	281.55	276.02	260.68	309.21	332.13	321.15	281.15
Australia	23.20	53.89	64.80	73.93	92.09	96.32	102.46	104.89	109.19	115.81	123.00
Canada	115.10	208.34	268.64	278.74	361.32	376.05	389.00	385.95	405.41	435.51	457.38
Japan	111.49	359.54	470.29	475.79	589.64	577.52	583.25	581.15	618.00	648.00	665.00
Norway	31.14	57.61	73.06	77.48	89.12	84.10	92.77	91.87	104.74	106.62	103.19
Spain	18.61	56.49	76.27	82.38	105.41	110.32	110.70	113.77	114.28	117.06	123.00
Sweden	34.72	60.64	78.08	80.57	95.06	96.25	102.98	99.48	109.08	123.20	137.00
European Community	428	866	1,050	1,050	1,270	1,260	1,260	1,250	1,290	1,330	1,390
France	75.01	146.97	182.36	185.31	241.13	243.29	260.76	262.25	297.20	302.52	319.00
Italy	56.24	117.42	145.52	147.33	180.53	185.74	181.75	183.72	180.71	180.34	194.00
Netherlands	16.52	40.86	52.63	54.26	64.45	64.80	64.06	60.31	59.65	62.78	63.40
United Kingdom	136.97	249.11	281.87	271.99	299.87	284.94	277.74	272.12	276.20	282.37	296.88
West Germany	116.42	242.61	299.00	301.80	374.22	368.77	368.77	366.86	371.84	394.28	397.00
Communist countries											
USSR and Eastern Europe	406	987	1,220	1,380	1,640	1,710	1,750	1,800	1,860	1,960	2,020
USSR	292.27	740.93	914.61	1,038.61	1,238.20	1,293.88	1,326.03	1,367.10	1,418.10	1,492.07	1,545.00
Of which: Hydro	50.91	124.38	122.34	125.99	172.02	183.89	186.74	174.70	180.36	202.99	214.00
Eastern Europe	114	246	301	340	404	420	422	429	446	466	473
Bulgaria	4.66	19.52	21.96	25.24	32.48	34.84	36.97	40.44	42.62	44.67	41.62
Czechoslovakia	24.46	45.16	53.47	59.28	68.09	72.73	73.50	74.70	76.28	78.39	80.62
East Germany	40.30	67.65	76.91	84.51	96.85	98.81	100.70	102.92	104.93	110.00	114.80
Hungary	7.62	14.54	17.64	20.46	24.51	23.87	24.29	24.52	25.70	26.23	26.30
Poland	29.26	64.53	84.27	97.17	117.47	121.86	115.01	117.58	125.81	134.80	137.60
Romania	7.65	35.09	46.78	53.72	64.93	67.49	71.12	68.90	70.20	71.60	71.80
Other											
Albania	0.19	0.96	1.55	1.66	2.80	NA	NA	NA	NA	NA	NA
China	NA	115.90	166.80	195.80	281.95	300.62	309.28	327.70	351.40	377.00	407.27
Cuba	2.90	4.89	5.60	6.58	9.40	9.90	10.57	11.02	11.40	12.30	12.20
North Korea	9.00	14.00	16.00	18.00	22.00	23.00	24.00	25.00	26.00	27.00	NA
Yugoslavia	8.93	26.02	35.06	40.04	54.97	59.44	60.36	62.32	67.56	73.01	71.50

^a Data are for total (gross) production at generating centers and therefore include transmission losses and station use (see footnote b).

^b Data are gross production or estimates of gross production based on reported net, adjusted by increasing by 7.5 percent to adjust the net production for hydroelectric power.

^c Beginning in 1980, data are for public utilities only.

Table 107

Installed Electricity Generating Capacity ^a

Million kilowatts

	1960	1965	1970	1973	1975	1979	1980	1981	1982	1983	1984	1985
OECD												
United States ^b	186.53	254.52	360.33	459.25	527.35	615.69	630.94	634.81	650.10	658.18	672.46	NA
Canada	23.03	29.35	42.83	54.38	61.35	77.23	82.00	83.75	85.51	88.95	95.81	NA
Japan ^c	23.64 ^d	38.06	59.48	85.30	104.21	131.22	137.94	143.70	150.00	154.65	159.23	163.29
Norway	6.61	9.92	12.91	15.44	16.93	18.94	20.25	21.54	22.37	22.95	23.04	NA
Spain	6.57	10.17	17.91	23.20	25.76	27.91	29.32	30.79	31.58	33.53	36.41	NA
Sweden	8.96	12.04	15.31	19.46	23.14	25.77	27.42	29.30	29.68	30.64	30.80	NA
European Community												
France	21.17 ^e	26.97 ^e	36.22	43.09	46.29	56.38	62.73	70.84	73.86	78.00	84.68	NA
Italy	16.31 ^e	23.82 ^e	30.41	36.51	39.10	44.34	46.13	47.73	50.02	51.50	53.99	NA
Netherlands	5.18	7.29	10.11	12.46	15.45	16.76	17.15	17.68	17.41	17.23	16.58	NA
United Kingdom ^f	36.60 ^e	49.29 ^e	62.06	72.65	73.92	74.33	73.75	71.70	72.45	72.69	68.63	NA
West Germany	28.38 ^e	40.60 ^e	47.54	58.50	70.11	82.79	82.59	84.64	85.64	86.92	89.87	NA
Communist countries												
USSR and Eastern Europe												
USSR	66.72	115.03	166.15	195.56	217.48	245.28	266.71	276.72	285.49	293.56	303.69	314.00
Eastern Europe												
Bulgaria	0.92	2.16	4.12	5.11	7.06	7.99	8.20	9.06	9.50	9.63	NA	NA
Czechoslovakia	5.72	8.21	10.81	12.12	13.64	16.37	16.65	17.96	18.91	18.90	NA	NA
East Germany	7.84	10.31	12.57	15.04	16.93	19.44	20.45	21.37	21.86	21.79	22.26	NA
Hungary	1.48	2.00	2.73	3.23	4.29	5.24	5.41	5.34	5.65	6.10	NA	NA
Poland	6.32	9.67	13.89	17.73	20.06	24.79	25.29	25.52	26.84	27.88	NA	NA
Romania	1.78	3.26	7.35	10.12	11.58	15.60	16.11	16.60	16.91	17.99	18.82	NA
Other												
China	NA	15.08	23.77	33.92	43.41	63.02	65.87	69.29	72.36	76.64	79.86	86.36
Cuba ^g	0.94	0.96	1.30	1.30	1.40	2.17	2.62	2.63	2.83	2.93	3.16	3.39
North Korea	1.79	2.12	2.80	4.00	4.60	5.04	5.04	5.04	6.10	6.30	6.50	6.50
Yugoslavia	2.40	3.73	6.97	8.65	9.39	12.89	14.08	15.30	16.00	NA	NA	NA

^a All plants for both public and industrial use. Unless otherwise indicated, data are as of the end of the year.^b Beginning in 1981, data are for public utilities only.^c Capacity as of 31 March of the stated year.^d Capacity as of 31 March 1961.^e Gross capacity.^f Beginning in 1984, data are for public utilities only.^g Including 410,000-kW capacity in industrial plants not linked to the national grid system.

Table 108
Installed Nuclear Electric Generating Capacity ^a

	1960	1970	1975	1979	1980	1981	1982	1983	1984	1985
OECD	0.9	14.3	62.7	106	113	128	134	146	166	216
United States	0.4	6.0	37.4	50.3	52.2	55.3	57.6	60.4	67.1	83.6
Canada	0	0.2	2.5	5.5	5.5	5.2	5.2	7.2	7.6	10.3
Japan	0	0.8	5.0	14.5	14.5	15.0	16.6	16.6	19.0	24.7
Finland	0	0	0	1.1	1.1	2.2	2.2	2.2	2.3	2.4
Spain	0	0.2	1.1	1.1	1.1	2.0	2.0	2.0	3.8	5.8
Sweden	0	NEGL	2.4	3.7	4.6	6.5	6.5	7.4	7.3	9.9
Switzerland	0	0.4	1.0	1.9	1.9	1.9	1.9	1.9	2.9	3.0
European Community	0.5	6.7	13.3	27.5	32.1	39.4	42.3	48.4	55.5	76.6
Belgium	0	NEGL	1.7	1.7	1.7	1.7	2.6	3.5	3.5	5.7
France	0.1	1.7	2.9	8.3	12.9	20.2	20.1	25.3	28.0	39.9
Italy	0	0.6	0.6	1.4	1.4	1.4	1.3	1.3	1.3	1.3
Netherlands	0	0.1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
United Kingdom	0.4	3.4	4.3	7.0	7.0	7.0	8.0	8.0	9.9	12.3
West Germany	NEGL	0.9	3.3	8.6	8.6	8.6	9.8	9.8	12.3	16.9
Other countries										
Argentina	0	0	0.3	0.3	0.3	0.3	0.3	0.3	0.9	0.9
Brazil	0	0	0	0	0	0	0	0	0.6	0.6
China (Taiwan)	0	0	0	1.2	1.2	1.2	3.1	3.1	4.0	4.9
India	0	0.4	0.6	0.6	0.6	0.8	0.8	0.8	1.0	1.3
Pakistan	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
South Africa	0	0	0	0	0	0	0	0	0.9	1.8
South Korea	0	0	0	0.6	0.6	0.6	0.6	1.8	1.8	2.7
Communist countries										
USSR and Eastern Europe	NEGL	1.0	6.8	12.9	16.1	19.4	22.3	25.1	30.1	34.6
USSR	NEGL	0.9	4.8	10.2	12.5	15.4	17.4	20.2	24.3	28.3
Eastern Europe	0	0.1	2.0	2.7	3.6	4.0	4.9	4.9	5.8	6.3
Bulgaria	0	0	0.9	0.9	0.9	1.3	1.8	1.8	1.8	1.8
Czechoslovakia	0	0	0.1	0.4	0.9	0.9	0.9	0.9	1.3	1.8
East Germany	0	0.1	1.0	1.4	1.8	1.8	1.8	1.8	1.8	1.8
Hungary	0	0	0	0	0	0	0.4	0.4	0.9	0.9
Other										
Yugoslavia	0	0	0	0	0	0.7	0.7	0.7	0.7	0.7

^aData are as of the end of the year and presented on a net basis except for Communist countries which are gross capacities.

Minerals and Metals

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Table 109

Iron Ore Production ^a

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^b									
United States	90.21	91.20	80.13	70.73	74.34	36.00	38.20	52.10	48.00
Australia	4.42	51.19	97.65	95.54	84.66	87.69	71.04	88.97	100.00
Canada	19.80	47.70	46.87	48.75	52.00	35.59	33.50	41.06	39.89
Sweden	21.69	31.51	30.87	27.18	23.23	16.14	13.21	18.12	20.45
European Community	112	81.0	62.4	34.0	25.7	21.7	18.6	16.2	18.0
France	66.96	56.80	49.65	28.98	21.60	19.39	15.93	14.84	14.68
Other countries ^c									
Brazil	9.34	40.20	89.89	114.73	99.50	93.16	88.72	112.06	120.00
India	10.68	31.37	41.40	41.90	41.35	40.90	38.80	41.03	44.55
Liberia	3.05	23.66	24.38	18.19	19.70	18.17	14.94	15.10	15.30
Mexico	0.86	4.81	5.35	8.06	8.71	8.16	8.04	8.32	7.80
South Africa	3.10	9.20	12.10	26.30	28.32	24.55	16.60	24.65	24.39
Spain	5.64	7.06	8.22	8.87	8.56	8.37	7.45	7.96	6.45
Venezuela	19.49	22.10	24.77	16.10	15.53	11.20	9.72	13.05	15.48
Communist countries									
USSR and Eastern Europe									
USSR	115	208	244	251	249	250	251	NA	NA
Eastern Europe	105.86	197.14	234.70	244.71	242.42	244.41	245.20	247.10	248.00
Bulgaria	9.34	10.8	9.13	6.73	6.55	6.07	6.19	NA	NA
Czechoslovakia	0.42	2.41	2.34	1.89	1.75	1.55	1.80	2.06	1.90
East Germany	3.12	1.61	1.77	1.93	1.94	1.86	1.91	1.87	1.90
Hungary	1.64	0.42	0.06	0.05	0.04	0.04	0.04	0.04	NA
Poland	0.52	0.63	0.64	0.43	0.42	0.47	0.44	0.38	0.31
Romania	2.18	2.55	1.25	0.10	0.10	0.05	0.01	NA	NA
Other	1.46	3.21	3.07	2.33	2.30	2.10	1.99	1.92	NA
Albania	0.25	0.40	0.47	0.75	NA	NA	NA	NA	NA
China	100.00	72.30	109.00	120.00	120.00	NA	113.39 ^d	126.7 ^d	132.0 ^d
North Korea	2.50	6.50	6.75	8.50	10.00	11.00	12.00	12.50	NA
Yugoslavia	2.20	3.69	5.24	4.53	4.79	5.11	5.02	5.32	5.48

^a Unless otherwise indicated, data are for the gross amount of marketable iron ores in the state in which they leave the mines, including manganese ores but excluding pyrites.

^b The metal content of the ore in the OECD countries varies from year to year. The approximate current content is as follows: United Kingdom and West Germany, 28-31 percent; France, 32 percent; United States and Canada, 63-64 percent; and Australia and Sweden, 60-65 percent.

^c The metal content of the ore in the other countries ranges from 30 percent to 68 percent.

^d Final product. Data on gross amount of marketable ores not available.

Table 110
Manganese Ore Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
Australia	62	751	1,550	1,999	1,411	1,123	1,370	1,829	1,989
Italy	49	50	0	9	9	9	7	10	10
Japan	324	270	158	80	87	78	75	62	21
Other countries									
Brazil	999	1,880	2,160	2,281	2,042	2,341	2,092	2,693	2,700
Gabon	0	1,450	2,250	2,147	1,488	1,512	1,857	2,119	2,352
Ghana ^b	545	405	409	252	223	160	173	269	307
India	1,200	1,650	1,580	1,692	1,526	1,490	1,320	1,081	1,140
Mexico	205	274	428	447	578	509	350	476	463
South Africa	1,190	2,680	5,770	5,695	5,040	5,217	2,886	3,049	3,600
Communist countries									
USSR and Eastern Europe	6,350	7,230	8,340	9,930	NA	NA	NA	NA	NA
USSR	5,872	6,841	8,459	9,750	9,150	9,821	9,876	10,089	10,290
Eastern Europe	477	390	278	180	NA	NA	NA	NA	NA
Bulgaria	25	33	35	49	45	45	45	45	NA
Hungary	123	169	131	83	71	83	59	67	NA
Romania	175	102	112	48	NA	NA	NA	NA	NA
Other									
Yugoslavia	13	15	17	30	31	30	NA	NA	NA

^a The metal content of the ore of various countries is as follows: the United States, more than 35 percent; other non-Communist countries and Cuba, 25-53 percent; the USSR, about 35 percent; Yugoslavia, about 35 percent; Romania,

30 percent; Bulgaria, about 27 percent; and Hungary, 26 percent.

^b Dry weight.

Table 111

Tungsten Ore Production ^a

Metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	3,160	4,220	2,490	2,738	3,545	1,575	1,016	1,173	1,100
Australia	1,900	1,260	1,498	3,575	3,517	2,618	2,015	1,772	1,912
Austria	110	80	360	2,150	1,616	1,465	1,408	1,632	1,565
Canada ^b	0	1,340	1,170	3,179	1,993	2,842	328	3,690	3,100
France	340	80	620	577	591	727	832	796	800
Japan	470	850	770	668	631	604	475	477	526
Portugal	1,390	1,080	1,420	1,568	1,395	1,358	1,183	1,493	1,500
Spain	440	410	350	446	437	545	517	565	530
Turkey	0	0	0	96	153	150	325	350	350
Other countries									
Bolivia	1,020	1,840	2,036	2,732	2,779	2,534	2,449	1,893	1,800
Brazil	642	920	896	876	1,576	1,524	1,026	1,037	1,000
Burma	470	220	490	823	825	844	930	1,096	945
Mexico	90	290	280	266	263	194	186	274	275
Peru	230	800	580	549	521	692	723	748	870
Rwanda	230	180	350	431	281	324	231	291	300
South Korea	2,730	2,070	2,400	2,737	2,739	2,420	2,480	2,702	2,400
Thailand	210	710	1,640	1,615	1,209	855	562	741	567
Communist countries									
USSR	5,400	6,900	8,100	9,200	9,400	9,500	9,700	10,000	NA
China	13,990	5,470	6,710	NA	NA	NA	NA	NA	NA

^a Data are for the estimated tonnage of contained tungsten.^b Shipments.

Table 112
Chromite Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
Finland	0	121	331	362	412	345	245	446	450
Greece	35	26	35	43	25	29	28	61	62
Japan	67	33	24	14	11	11	8	7	12
Turkey	481	519	717	391	401	452	346	487	450
Other countries									
Brazil	6	27	173	313	236	276	155	256	275
India	100	271	500	320	335	339	422	423	553
Iran	68	200	172	82	30	40	50	50	50
Madagascar	0	131	194	180	100	44	46	60	60
Philippines	734	566	520	496	439	322	267	259	258
South Africa	772	1,427	2,076	3,414	2,870	2,164	2,232	3,006	3,340
Zimbabwe	606	363	590	554	536	432	420	477	500
Communist countries ^b									
USSR	1,200	3,000	3,500	3,400	3,300	3,400	3,300	3,326	3,387
Albania	289	466	779	1,020	NA	NA	NA	NA	NA
Cuba	29	23	36	28	NA	NA	34	38	38
Yugoslavia	101	41	2	2	2	NA	NA	NA	NA

^a Data are in gross weight.

^b Production of chrome ore. In the Communist countries, the chromic oxide content is estimated as follows: USSR, 46 percent; Albania, 45 percent; Cuba, 35 percent; and Yugoslavia, 26 percent.

Table 113

Bauxite Production

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	5,370	16,900	29,000	34,500	32,700	29,400	29,500	37,000	37,500
Australia	2,030	2,125	1,800	1,559	1,510	732	679	856	565
	70	9,260	21,000	27,178	25,441	23,625	24,372	32,182	32,400
European Community	3,260	5,510	5,610	5,230	5,060	4,540	4,140	3,900	3,980
France	2,070	2,990	2,560	1,921	1,827	1,662	1,663	1,607	1,484
Greece	884	2,290	3,010	3,286	3,216	2,853	2,455	2,296	2,500
Other countries									
Brazil	121	510	970	6,688	5,770	6,290	7,199	10,355	10,700
Guinea	1,378	2,490	8,400	11,862	11,112	11,827	12,421	13,160	13,100
Guyana	2,511	4,417	3,251	2,471	1,681	1,783	1,087	1,333	1,675
Jamaica	5,840	12,000	11,600	12,054	11,682	8,361	7,683	8,734	6,239
Suriname	3,460	6,020	4,930	4,696	4,006	4,205	3,400	3,454	3,000
Communist countries									
USSR and Eastern Europe	4,380	8,970	11,200	12,500	NA	NA	NA	NA	NA
USSR ^a	3,100	6,700	8,000	9,100	9,100	9,000	8,900	9,200	NA
Eastern Europe	1,280	2,270	3,240	3,400	NA	NA	NA	NA	NA
Hungary	1,190	2,022	2,890	2,950	2,914	2,627	2,917	2,994	2,815
Romania	88	250	350	470	NA	NA	NA	NA	NA
Other									
China ^b	640	1,500	2,800	3,300	3,300	3,300	NA	NA	NA
Yugoslavia	1,025	2,098	2,306	3,138	3,500	3,668	3,500	3,347	3,350

^a Including nonbauxite ore such as nepheline and alunite for the production of alumina.

^b Data are for aluminous shales and clays used for the manufacture of aluminum and exclude shales exported and those used for refractories, abrasives, and cement.

Table 114
Pig Iron Production

Million metric tons

	1960 ^a	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	62.2	82.8	72.3	62.3	66.9	39.3	44.2	47.1	45.3
Australia	2.9	6.1	7.5	7.0	6.8	6.0	5.1	5.3	5.6
Canada	4.0	8.2	9.2	11.2	9.7	8.0	9.4	10.6	10.0
Japan	11.9	68.0	86.9	87.0	80.0	77.7	72.9	80.4	80.6
Spain	1.9	4.2	6.8	6.7	6.4	6.0	5.4	5.3	5.5
European Community	70.0	98.4	88.4	89.9	88.1	76.7	73.3	83.2	85.5
Belgium	6.5	10.8	9.1	10.5	9.7	7.8	8.0	9.0	8.7
France	14.1	19.2	17.5	19.2	17.3	15.0	13.9	15.0	15.4
Italy	2.7	8.3	11.4	12.1	12.3	11.5	10.3	11.6	11.7
United Kingdom	16.0	17.5	12.0	6.4	9.5	8.3	9.5	9.5	10.5
West Germany	25.5	33.6	30.1	33.9	31.9	27.6	26.6	30.2	31.5
Other countries									
Brazil	1.8	4.2	7.1	13.0	10.8	10.8	12.9	17.2	19.0
India	4.3	7.0	8.3	8.5	9.5	9.6	9.1	9.3	9.5
Mexico	0.7	2.3	3.0	5.3	5.5	5.1	5.0	5.3	5.0
South Africa	2.0	3.9	5.2	7.5	7.4	6.8	5.2	5.5	6.6
South Korea	NEGL	NEGL	1.2	5.6	7.9	8.4	8.0	8.8	8.8
Communist countries									
USSR and Eastern Europe	60.2	110	133	144	142	139	144	146	145
USSR	46.8	85.9	103.0	107.3	107.8	106.7	110.5	110.9	110.0
Eastern Europe	13.4	23.9	30.0	37.1	34.4	32.5	33.3	34.9	34.9
Bulgaria	0.2	1.3	1.6	1.6	1.6	1.6	1.7	1.6	1.7
Czechoslovakia	4.7	7.6	9.3	9.8	9.9	9.5	9.5	9.6	9.6
East Germany	2.0	2.0	2.5	2.5	2.4	2.1	2.2	2.4	2.6
Hungary	1.2	1.8	2.2	2.2	2.2	2.2	2.0	2.1	2.1
Poland	4.2	7.0	7.8	12.0	9.4	8.5	9.7	9.6	9.8
Romania	1.0	4.2	6.6	9.0	8.9	8.6	8.2	9.6	9.1
Other									
China	27.5	22.0	33.8	38.0	34.2	35.5	37.4	40.0	43.5
North Korea	0.9	2.1	2.5	3.5	3.5	3.6	3.7	3.8	NA
Yugoslavia	1.0	1.3	2.1	2.4	9.9	2.7	2.9	2.8	3.1

^a Including ferroalloys.

Table 115
Crude Steel Production ^a

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	90.1	119.3	105.8	101.5	109.6	67.7	76.8	83.9	80.1
Australia ^c	3.8	6.8	7.8	7.6	7.6	6.4	5.6	6.3	6.6
Canada	5.3	11.2	12.9	15.9	14.8	11.8	12.8	14.7	15.0
Japan	22.1	93.3	102.3	111.4	101.7	99.5	97.2	105.6	105.3
Spain	1.9	7.4	11.1	12.6	12.9	13.2	12.7	13.5	14.2
European Community	98.0	139	126	129	126	111	109	120	121
Belgium	7.2	12.6	11.6	12.3	12.3	9.9	10.2	11.3	10.7
France	17.3	23.8	21.5	23.2	21.3	18.4	17.6	19.0	18.8
Italy	8.2	17.3	21.8	26.5	24.8	24.0	21.7	24.0	23.7
United Kingdom	24.7	28.3	20.2	11.3	15.6	13.7	15.0	15.1	15.7
West Germany	34.1	45.0	40.4	43.8	41.6	35.9	35.7	39.4	40.5
Other countries									
Brazil ^d	2.3	5.4	8.3	15.3	13.2	13.0	14.7	16.0	17.5
India	3.3	6.1	7.1 ^e	9.4	10.4	10.7	10.3	10.3	10.9
Mexico	1.5	3.9	5.3	7.2	7.7	7.1	7.0	7.5	7.3
South Africa	2.1	4.8	6.5	9.1	9.0	8.3	7.2	7.8	7.5
South Korea	NEGL	0.5	2.0	8.6	10.8	11.8	11.9	13.0	13.5
Communist countries									
USSR and Eastern Europe	86.4	156	193	210	206	203	210	214	214
USSR	65.3	115.9	141.3	147.9	148.4	147.2	152.5	154.2	155.0
Eastern Europe	21.2	39.8	51.3	61.6	57.6	56.1	57.4	60.0	59.3
Bulgaria	0.2	1.8	2.3	2.6	2.5	2.6	2.8	2.9	2.9
Czechoslovakia	6.8	11.5	14.3	15.2	15.3	15.0	15.0	14.8	15.0
East Germany	3.8	5.1	6.5	7.3	7.5	7.2	7.2	7.6	7.9
Hungary	1.9	3.1	3.7	3.8	3.6	3.7	3.6	3.8	3.6
Poland	6.7	11.8	15.0	19.5	15.7	14.5	16.2	16.5	16.1
Romania	1.8	6.5	9.6	13.2	13.0	13.1	12.6	14.4	13.8
Other									
China	18.7	17.8	24.0	37.1	35.6	37.1	39.9	43.4	46.6
Cuba	NA	0.1	0.3	0.3	0.3	0.3	0.3	0.3	0.4
North Korea	0.6	2.2	2.6	3.6	3.7	3.8	3.9	4.0	4.0
Yugoslavia	1.4	2.2	2.9	3.6	4.0	3.8	4.1	4.2	4.5

^a Data are for ingots and steel for castings.

^b Excluding steel for castings made in foundries operated by companies not producing ingots.

^c Twelve months ending 30 June of the stated year.

^d Excluding alloy steel.

^e Ingots only.

Table 116
Rolled Steel Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	69.35	82.37	72.54	76.07	80.24	55.85	61.31	66.90	66.10
Canada ^a	4.13	8.24	9.48	12.29	12.00	9.35	10.00	8.70	8.70
Japan	17.20	76.03	86.28	101.79	93.23	91.87	91.00	99.00	100.30
Spain ^a	1.27	5.46	8.94	10.14	10.29	10.00	10.79	12.87	11.40
European Community	76.7	111	98.6	108	108	94.5	94.7	101	102
Belgium	5.88	10.26	9.10	10.67	10.19	8.55	8.67	9.71	9.50
France	13.70	18.73	17.56	21.00	19.62	17.41	16.25	17.33	17.15
Italy	7.78	14.76	15.41	19.66	19.75	17.55	17.90	17.84	17.80
United Kingdom	18.41	22.18	15.57	10.08	13.04	11.66	12.44	12.63	12.90
West Germany	25.84	35.97	32.98	37.36	36.77	31.20	31.32	34.76	35.96
Communist countries									
USSR and Eastern Europe	57.8	108	137	148	146	144	149	152	NA
USSR	43.68	80.65	98.69	102.91	102.97	102.31	106.44	107.30	108.00
Eastern Europe	14.1	27.4	38.3	45.0	42.6	41.6	42.8	45.1	NA
Bulgaria	0.19	1.42	2.50	3.21	3.35	3.25	3.24	3.38	2.93
Czechoslovakia	4.48	7.94	10.03	10.76	10.80	10.66	10.73	10.91	11.04
East Germany	2.61	3.41	5.22	5.13	5.06	4.96	5.08	5.39	5.64
Hungary	1.19	2.04	2.68	3.04	2.82	2.86	2.82	2.95	2.86
Poland	4.42	8.14	11.08	13.55	11.06	10.48	11.73	12.20	11.80
Romania	1.25	4.50	6.81	9.32	9.55	9.35	9.20	10.30	NA
Other									
China	11.30	13.40	16.80	27.16	26.65	29.00	30.00	33.70	36.92
Yugoslavia	0.97	1.77	2.36	4.24	4.78	4.51	4.65	5.67	5.69

^a Steel mill products.

Table 117

Refined Nickel Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	12.9	14.0	20.1	40.1	44.3	40.8	30.3	40.8	33.0
Australia	0	1.0	34.0	35.3	42.5	45.9	41.8	38.7	40.8
Canada	127.5	189.3	157.8	152.3	109.3	58.6	87.2	104.2	91.0
Japan	18.7	89.9	78.0	98.4	86.8	83.4	69.6	74.2	77.5
Norway	30.4	38.5	37.1	37.1	37.0	25.8	28.3	35.5	37.5
European Community	47.3	57.6	63.0	43.0	49.4	20.0	44.6	44.4	36.0
France ^b	10.0	11.0	10.9	9.8	10.0	7.4	7.3	5.2	5.0
Greece	0	8.6	14.8	13.9	12.7	4.5	12.9	15.8	16.0
United Kingdom	34.3	36.7	37.3	19.3	25.4	6.9	23.2	22.3	14.0
Other countries									
Dominican Republic	0	0	30.0	16.3	18.7	5.3	21.2	24.2	25.8
New Caledonia	11.4	27.9	52.8	32.6	28.0	28.0	21.7	29.2	36.4
Communist countries ^c									
USSR	72.0	137.0	210.0	229.0	235.0	250.0	260.0	268.0	NA
Cuba ^d	12.8	36.6	37.3	38.2	40.3	37.6	39.3	33.2	33.4

^a Unless otherwise indicated, data are for refined metal and the nickel content of ferronickel and nickel oxide.

^b Excluding data for New Caledonia.

^c Czechoslovakia and East Germany each produce a small amount of refined nickel.

^d Nickel content of oxides and sulfides.

Table 118
Refined Copper Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	1,650	2,074	1,632	1,730	2,027	1,694	1,584	1,509	1,402
Australia	84	146	192	182	191	178	203	206	199
Canada	378	493	529	505	508	354	497	539	522
Japan	248	705	819	1,014	1,050	1,075	1,092	935	936
Spain	42	83	130	158	152	172	159	156	155
European Community	796	996	958	970	1,030	1,100	1,070	1,020	1,020
Belgium	212	338	332	374	437	502	431	428	400
United Kingdom	219	205	152	161	136	134	144	137	126
West Germany	309	406	422	374	387	394	421	379	414
Other countries									
Chile	226	465	534	811	776	852	834	880	884
Peru	30	36	71	226	209	228	191	219	228
Zaire	145	190	226	144	151	175	227	225	227
Zambia	403	581	629	608	560	585	575	523	480
Communist countries									
USSR and Eastern Europe	576	1,220	1,750	2,030	2,010	2,050	2,100	NA	NA
USSR	475	1,015	1,320	1,470	1,490	1,510	1,540	1,590	NA
Eastern Europe	101	204	428	561	524	541	557	NA	NA
Bulgaria	14	38	50	63	63	65	68	70	NA
Czechoslovakia	10	17	23	33	27	26	26	28	NA
East Germany	40	40	50	51	51	51	50	55	NA
Hungary	8	12	13	16	16	12	13	NA	NA
Poland	22	72	249	357	327	348	360	380	387
Romania	7	25	43	41	40	39	40	NA	NA
Other									
Albania	1	6	7	12	10	10	10	11	NA
China	90	290	300	320	320	325	340	NA	NA
Cuba ^b	NA	NEGL	3	3	3	3	3	3	3
Yugoslavia	35	89	138	131	133	127	124	128	135

^a Data are for primary and secondary refined copper produced from domestic and imported ores and scrap.

^b Copper concentrate.

Table 119

Primary Aluminum Production

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	1,827	3,607	3,519	4,654	4,489	3,274	3,353	4,099	3,500
Australia	12	206	214	303	379	381	478	758	851
Canada	691	972	887	1,068	1,116	1,065	1,091	1,227	1,282
Japan	133	733	1,013	1,091	771	351	256	287	227
Norway ^a	171	522	595	653	634	638	715	761	724
Spain	29	120	210	386	397	367	358	381	370
European Community	520	1,040	1,950	2,220	2,190	1,970	1,920	2,020	1,940
France	238	381	383	432	436	390	361	342	293
Greece	NA	91	136	146	146	135	136	136	123
Italy	84	147	190	271	274	233	196	230	245
Netherlands	0	75	258	259	262	251	235	249	253
United Kingdom ^a	29	40	308	375	339	241	252	288	275
West Germany	169	309	678	731	729	723	743	777	745
Other countries									
Brazil	18	56	121	260	256	299	401	455	540
Ghana	0	113	143	188	190	174	42	0	48
India	18	161	167	185	213	217	204	269	268
Communist countries									
USSR and Eastern Europe	696	2,000	2,820	3,210	3,200	3,150	3,230	3,340	NA
USSR	565	1,640	2,345	2,705	2,720	2,735	2,795	2,879	2,940
Eastern Europe	131	359	480	509	475	417	434	456	NA
Czechoslovakia	20	31	43	38	33	34	36	34	NA
East Germany	35	56	60	62	60	58	57	58	NA
Hungary	50	66	70	73	74	74	74	74	74
Poland	26	99	103	95	66	43	44	46	47
Romania ^b	0	107	204	241	242	208	223	244	NA
Other									
China	80	188	357	415	415	425	435	NA	NA
Yugoslavia	25	48	168	185	197	246	284	302	316

^a Including the pure content of virgin alloys.^b Including aluminum alloys.

Table 120
Smelter Production of Lead ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	347	605	577	550	498	517	515	397	491
Australia ^c	247	351	311	361	370	400	379	378	380
Canada	145	186	172	163	169	174	178	173	173
Japan	69	178	152	175	191	193	199	208	218
Spain	71	76	73	84	83	100	108	110	110
Sweden	45	41	38	20	22	64	63	66	66
European Community	369	451	400	390	382	363	366	383	385
Belgium	93 ^d	89 ^d	106 ^d	54	60	53	54	72	60
France	74	120	102	127	129	123	115	118	132
Italy	42	54	33	42	36	36	37	38	30
United Kingdom ^e	16	44	26	30	27	34	41	36	36
West Germany	140	113	92	112	108	111	116	102	110
Other countries									
Mexico	186	150	173	145	157	145	167	175	175
Peru	74	72	71	80	79	77	68	70	82
Communist countries									
USSR and Eastern Europe	404	676	783	823	811	824	832	883	NA
USSR	300	470	540	560	560	560	565	582	NA
Eastern Europe	104	206	243	263	251	264	267	301	NA
Bulgaria	40	99	110	120	120	118	116	114	NA
Czechoslovakia	12	18	18	20	21	21	57	57	NA
Poland ^f	40	54	76	82	69	79	81	84	87
Romania ^f	12	35	39	41	41	46	49	46	NA
Other									
Yugoslavia	89	97	126	102	86	81	98	83	99

^a Unless otherwise indicated, data are for smelter production of lead produced from domestic and imported ores and concentrates, excluding all metal produced from scrap (secondary metals).

^b Excluding refined lead produced from imported base bullion.

^c Including lead bullion.

^d Including secondary metal, remelted lead, and alloys.

^e Lead bullion from imported ores and concentrates.

^f Probably including some secondary metal.

Table 121

Refined Zinc Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	2,780	3,540	3,180	3,730	3,670	3,480	3,800	3,900	3,800
Australia	788	866	450	370	397	302	305	331	329
Canada	122	264	200	306	300	296	303	306	296
Finland	237	418	427	592	619	512	617	683	692
Japan	0	56	110	147	140	144	155	159	161
Spain	180	676	722	735	670	662	701	754	740
European Community	47	88	138	152	180	187	190	207	205
Belgium	783	1,090	1,050	1,340	1,300	1,230	1,300	1,350	1,380
France	248	232	218	248	235	228	263	271	274
Italy	146	224	181	253	257	244	250	259	247
Netherlands	85	142	180	207	181	158	156	167	209
United Kingdom	36	47	124	170	177	186	188	210	203
West Germany	76	147	53	87	82	79	88	86	74
Other countries	192	301	295	371	367	335	357	356	368
Mexico	53	81	154	144	130	132	180	185	182
Communist countries									
USSR and Eastern Europe	577	1,030	1,210	1,190	1,140	1,130	1,150	1,180	NA
USSR ^c	360	690	820	820	820	820	825	850	NA
Eastern Europe	217	340	393	369	318	314	321	334	NA
Bulgaria	17	76	86	90	90	92	93	93	NA
East Germany	4	15	15	18	16	17	16	17	NA
Poland	176	209	243	215	167	165	170	176	180
Romania	20	40	49	46	45	40	42	48	NA
Other									
Yugoslavia	36	65	98	85	96	87	88	93	83

^a Data are for electrolytic and distilled (including redistilled)

zinc produced from domestic and imported ores and scrap

^b Including production from secondary smelters.^c Primary metal only.

and other secondary materials.

Table 122
Titanium Sponge Metal Production ^a Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	4.8	14.0	14.4	20.4	24.0	14.2	12.7	22.1	21.0
Japan	2.3	9.2	7.6	19.4	24.9	16.8	10.6	15.4	21.9
Communist countries									
USSR	6.0	40.0	57.0	68.0	69.0	70.0	71.0	71.0	71.0

^a Raw titanium in the form of sponge metal produced from rutile or ilmenite concentrates.

^b Calculated, 1970-85, from reported consumption, imports, exports, and stock changes.

Table 123
Cobalt Production ^a Metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
Australia	13	469	2,709	1,975	1,466	1,480	1,150	1,080	830
Canada	1,618	2,069	1,354	1,603	2,080	1,404	1,584	2,325	3,075
Finland	NA	1,270	1,402	1,035	1,034	1,036	1,035	950	950
Other countries									
Morocco	1,271	604	1,961	838	789	792	0	0	0
Zaire	8,222	13,958	13,971	15,422	15,422	11,304	11,304	18,000	20,000
Zambia	1,847	2,400	2,057	4,400	4,000	3,251	3,200	4,620	4,620
Communist countries									
USSR	1,600	3,700	5,000	6,000	6,300	6,500	6,700	6,900	NA
Albania	NA	NA	NA	326	345	345	354	363	NA
Cuba	NA	1,208	1,240	NA	NA	NA	NA	NA	NA

^a Recoverable cobalt content of ores mined, unless otherwise indicated.

Table 124

Smelter Production of Primary Tin ^a

Metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	13,700	4,540	6,500	3,000	2,000	3,500	2,500	4,000	3,000
Australia	2,290	5,210	5,250	4,820	4,286	3,105	2,913	2,899	2,683
Spain	470	3,910	5,250	4,100	4,400	3,700	3,700	3,500	3,500
European Community	42,500	33,400	17,800	12,300	12,200	11,600	12,300	13,700	13,100
Belgium	8,390	4,260	4,560	2,800	65	0	0	0	0
United Kingdom	26,800	22,000	11,520	5,830	6,863	8,164	6,467	6,830	7,200
Other countries									
Bolivia	1,020	300	7,530	18,190	20,005	19,032	14,164	15,842	12,000
Brazil	NA	3,100	5,400	8,640	7,789	9,298	12,950	18,887	21,000
Indonesia	2,010	5,190	17,800	30,470	32,519	29,755	28,390	22,467	21,200
Malaysia	77,600	91,500	83,100	71,320	70,326	62,836	53,338	46,911	47,000
Nigeria	NA	8,070	4,680	2,680	2,486	2,754	1,190	1,300	1,400
Thailand	220	22,000	16,600	34,690	32,626	25,497	18,467	19,979	19,000
Communist countries									
USSR	10,600	21,000	25,000	32,500	33,000	33,400	33,600	34,600	NA
East Germany	1,000	1,200	1,200	1,800	1,500	2,000	2,000	3,000	NA
China	29,000	10,000	18,000	18,000	18,000	NA	NA	NA	NA

^a Excluding tin derived from scrap or detinning.

Table 125
Primary Magnesium Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	36	102	109	154	140	93	105	144	127
Canada	7	9	4	9	9	8	6	8	7
Japan	2	10	9	6	6	6	6	7	8
Norway	10	35	38	44	48	36	30	49	54
European Community									
France	2	5	8	9	7	10	11	13	13
Italy	5	8	7	8	11	10	8	7	8
Communist countries									
USSR	25	80	98	104	106	109	111	114	NA

Table 126
Gold Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	1.67	1.74	1.05	0.97	1.38	1.47	1.96	2.06	2.48
Australia	1.09	0.62	0.53	0.55	0.59	0.87	0.98	1.26	1.83
Canada	4.63	2.41	1.65	1.63	1.67	2.08	2.36	2.64	2.75
Japan	0.26	0.26	0.14	0.10	0.10	0.10	0.10	0.10	0.16
Other countries									
Brazil	0.11	0.17	0.17	1.30	1.20	1.50	1.75	1.75	2.00
Colombia	0.43	0.20	0.31	0.51	0.53	0.47	0.44	0.80	1.15
Ghana	0.89	0.71	0.52	0.35	0.34	0.33	0.28	0.29	0.30
Mexico	0.30	0.20	0.14	0.20	0.20	0.21	0.20	0.27	0.28
Philippines	0.41	0.60	0.50	0.64	0.76	0.83	0.82	0.79	0.81
South Africa	21.38	32.20	22.94	21.67	21.12	21.36	21.91	21.57	19.90
Zimbabwe	0.56	0.44	0.35	0.37	0.37	0.43	0.45	0.48	0.48
Communist countries									
USSR	3.63	7.00	8.29	10.20	10.50	10.60	10.70	NA	NA

Table 127

Platinum-Group Metals Production

Thousand troy ounces

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^a	24	17	19	3	7	8	6	15	NA
Canada	460	482	399	411	383	228	224	348	350
South Africa ^b	406	1,500	2,600	3,100	3,110	2,600	2,600	3,500	3,700
USSR	1,000	2,500	3,300	3,700	3,900	4,100	4,300	4,400	NA

^a Crude placer platinum and byproduct metals recovered largely from domestic copper refining.

^b Platinum-group metals from platinum ores and osmium and iridium from gold ores.

Table 128

Molybdenum Production ^a

Metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	32,000	66,400	61,200	80,300	76,400	52,300	25,700	58,700	56,900
United States	31,000	50,500	48,100	68,351	63,458	38,275	15,400	47,021	49,174
Canada ^b	348	15,300	13,000	11,900	12,850	13,961	10,194	11,557	7,590
Japan	381	264	140	56	74	97	97	147	98
Other countries									
Chile	2,014	5,700	9,090	13,668	15,360	20,048	15,264	16,861	18,390
Peru	NEGL	607	651	2,688	2,488	2,893	2,628	3,079	3,828
Communist countries									
USSR	4,800	9,500	10,500	12,000	12,000	12,300	12,600	13,000	NA

^a Molybdenum content of ores and concentrates.

^b Shipments.

Chemicals and Rubber

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Table 129
Caustic Soda Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	4,510	9,200	8,694	10,529	9,447	8,514	9,107	9,901	9,942
Canada	338	860	845	1,459	1,458	1,367	1,528	1,586	1,580
Japan	869	2,685	2,948	3,157	2,872	2,792	2,863	3,085	3,074
European Community									
France	597	1,094	1,120	1,333	1,315	1,402	1,336	1,633	1,400
Italy	429	999	1,002	953	844	862	1,009	1,073	1,030
West Germany	776	1,682	2,489	3,176	3,209	3,026	3,350	3,612	3,720
Communist countries									
USSR and Eastern Europe	1,420	3,140	4,220	5,200	5,220	5,260	5,350	5,540	NA
USSR	704	1,783	2,395	2,755	2,757	2,783	2,853	2,972	3,056
Eastern Europe	716	1,360	1,830	2,440	2,460	2,480	2,490	2,570	NA
Bulgaria	17	46	84	162	151	155	147	170	157
Czechoslovakia	115	189	257	325	330	324	330	325	330
East Germany	327	413	442	626	631	695	687	694	667
Hungary ^b	16	67	89	189	180	178	192	194	194
Poland	167	313	392	415	400	363	392	379	384
Romania	74	330	566	723	767	760	745	805	NA
Other									
China	NA	900	1,300	1,900	1,923	2,073	2,127	2,221	2,347
Cuba	NA	4	4	3	8	11	16	18	14
Yugoslavia	48	93	97	136	178	169	171	191	188

^a Pure caustic soda (100 percent NaOH), including tonnage not commercialized but used on site for processing.

^b Including regenerated caustic soda.

Table 130
Synthetic Ammonia Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	3,595 ^b	10,315	12,232	14,664	14,234	11,771	10,500	12,454	12,089
Canada	382 ^b	1,007	1,336	2,556	2,654	2,509	2,888	NA	NA
Japan	1,059	2,682	2,990	2,110	1,833	1,653	1,546	1,669	1,630
France	724	1,619	1,941	2,085	2,250	1,900	1,960	NA	NA
Italy	724	1,272	1,452	1,409	1,211	1,048	932	1,209	1,215
Netherlands	410	1,340	1,908	2,275	2,203	2,010	2,121	NA	NA
West Germany	1,242	1,821	1,981	2,044	1,962	1,570	1,703	1,963	NA
Communist countries									
USSR and Eastern Europe	2,180	10,400	16,200	21,300	22,300	22,300	25,000	26,000	NA
USSR	1,138	6,282	9,868	13,762	14,718	14,605	16,904	17,677	19,100
Eastern Europe	1,040	4,090	6,340	7,560	7,600	7,680	8,110	8,340	NA
Bulgaria	111	788	935	1,009	1,023	1,033	1,124	1,138	NA
Czechoslovakia	153	432	710	841	711	726	809	827	NA
East Germany	392	481	919	1,181	1,203	1,167	1,210	1,207	1,210
Hungary	67	414	513	795	819	791	812	813	NA
Poland	285	1,187	1,707	1,483	1,393	1,384	1,430	1,499	NA
Romania	29	792	1,559	2,247	2,383	2,583	2,723	2,857	NA
Other									
China ^c	490	2,970	5,911	12,150	11,990	12,430	NA	NA	NA
Yugoslavia	12	285	391	405	421	424	411	501	NA

^a Unless otherwise indicated, nitrogen content of synthetic ammonia. To convert to actual production of synthetic ammonia, multiply by 1.2158.

^b Data are for 1961.

^c Including only ammonia produced for fertilizer.

Table 131

Sulfuric Acid Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	38,700	61,600	64,900	80,500	75,300	66,000	70,700	76,700	74,100
United States ^b	16,223	26,785	29,357	40,059	36,961	30,148	33,982	37,922	35,938
Canada	1,517	2,475	2,723	4,295	4,117	3,085	3,679	4,054	3,880
Japan	4,452	6,925	5,997	6,778	6,572	6,530	6,662	6,457	6,520
Spain	1,132	2,021	3,624	3,052	2,880	2,870	2,860	3,407	NA
European Community	12,700	18,800	18,200	20,900	19,300	17,700	18,000	19,100	18,600
France	2,046	3,682	3,758	4,950	4,352	4,136	4,325	4,520	4,350
Italy	2,299	3,327	3,006	2,827	2,544	2,221	2,339	2,636	2,730
United Kingdom	2,745	3,352	3,166	3,380	2,888	2,587	2,629	2,654	2,560
West Germany	3,170	4,435	4,157	4,777	4,832	4,411	4,339	4,399	4,220
Other countries									
Mexico	249	1,235	2,047	1,950	2,172	2,297	2,078	1,775	2,120
South Korea	5	388	550	1,702	1,304	1,597	1,610	1,975	2,028
Communist countries									
USSR and Eastern Europe	7,890	18,100	27,300	31,500	32,400	31,700	33,100	33,600	34,300
USSR	5,398	12,059	18,645	23,033	24,095	23,801	24,714	25,338	26,000
Eastern Europe	2,500	6,080	8,610	8,460	8,350	7,940	8,360	8,270	8,280
Bulgaria	123	502	854	852	920	916	861	908	820
Czechoslovakia	553	1,110	1,245	1,284	1,315	1,252	1,244	1,240	1,298
East Germany	730	1,099	1,002	958	948	920	926	885	882
Hungary	178	471	647	590	573	571	606	550	520
Poland	685	1,901	3,413	3,019	2,776	2,676	2,786	2,770	2,863
Romania	226	994	1,448	1,756	1,814	1,600	1,941	1,915	1,900
Other									
China	NA	NA	NA	7,640	7,810	8,170	8,648	8,128	6,687
Cuba	NA	322	418	402	420	334	370	336	374
Yugoslavia	121	696	871	1,105	1,248	1,183	1,300	1,471	1,489

^a Pure (monohydrate) sulfuric acid (100 percent H₂SO₄).^b Including appreciable amounts produced in government-owned privately operated plants.

Table 132
Chemical Fertilizer Production, Nutrient Content ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^b	22,300	43,300	46,300	59,700	51,400	48,900	54,800	58,400	NA
United States	7,410	15,789	18,221	23,377	18,603	17,053	19,955	22,171	NA
Canada	496	4,465	6,226	9,816	8,379	7,711	9,928	10,387	NA
Japan	1,544	2,770	2,142	1,850	1,612	1,741	1,722	1,851	NA
Spain	674	1,604	1,794	2,148	1,972	2,007	1,871	2,091	NA
European Community	10,400	15,600	14,600	17,900	16,300	16,000	16,900	17,400	NA
France	3,021	4,644	5,418	4,924	4,554	4,331	4,515	4,735	NA
Italy	1,110	1,621	1,511	2,064	1,773	1,698	1,645	1,766	NA
West Germany	3,897	4,743	3,756	4,824	4,086	3,882	4,325	4,414	NA
Communist countries									
USSR and Eastern Europe	6,510	20,800	33,000	37,200	38,700	39,400	42,700	44,000	NA
USSR ^c	3,281	13,099	21,998	24,767	25,998	26,738	29,733	30,803	33,200
Eastern Europe	3,230	7,720	11,000	12,400	12,700	12,600	13,000	13,200	NA
Bulgaria	127	750	918	947	1,011	997	1,035	1,047	NA
Czechoslovakia	287	680	1,062	1,182	1,085	1,114	1,123	1,136	1,200
East Germany	2,166	3,245	3,984	4,735	4,787	4,668	4,714	4,732	4,842
Hungary	102	517	690	847	899	869	901	882	NA
Poland	477	1,629	2,581	2,237	2,241	2,284	2,325	2,356	2,300
Romania	71	895	1,729	2,451	2,641	2,692	2,913	3,073	3,096
Other									
China	498	2,780	5,720	12,320	12,390	12,782	13,786	14,820	13,350
Yugoslavia	45	364	410	439	442	434	442	473	466

^a Nitrogen fertilizer (in terms of nitrogen), phosphorus fertilizer (in terms of phosphoric anhydride), and potassium fertilizer (in terms of potassium oxide).
^b Data are for "fertilizer years" —in general, the year beginning 1 July of the stated year.
^c Including some products used for technical purposes and microelement fertilizers not elsewhere included.

Table 133

Nitrogen Fertilizer Production, Nutrient Content

Thousand metric tons of N

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^a	8,460	19,300	21,200	26,700	24,200	23,100	25,500	28,400	NA
United States	2,739	8,161	9,591	11,825	10,375	9,051	10,750	12,567	NA
Canada	286	726	775	1,755	1,669	1,751	2,085	2,439	NA
Japan	1,030	2,105	1,557	1,202	1,032	1,126	1,075	1,210	NA
Spain	110	592	825	960	885	856	841	978	NA
European Community	3,650	6,410	6,910	8,650	8,070	8,160	8,530	8,820	NA
Belgium	278	594	610 ^b	743 ^b	753 ^b	755 ^b	706 ^b	715 ^b	NA
France	671	1,351	1,361	1,640	1,550	1,530	1,600	1,700	NA
Italy	658	956	1,000	1,388	1,147	1,116	1,086	1,170	NA
Netherlands	417	930	1,155	1,624	1,464	1,505	1,700	1,690	NA
United Kingdom	449	748	1,055	1,167	1,270	1,399	1,372	1,360	NA
West Germany	1,180	1,505	1,259	1,436	1,240	1,092	1,207	1,295	NA
Other countries ^a									
India	110	846	1,508	2,164	3,143	3,430	3,487	3,917	NA
Communist countries									
USSR and Eastern Europe	1,910	8,740	13,500	16,100	16,600	17,700	19,400	19,900	NA
USSR ^c	1,003	5,423	8,535	10,241	10,705	11,593	13,014	13,328	14,500
Eastern Europe	906	3,320	4,950	5,850	5,940	6,150	6,420	6,540	NA
Bulgaria	86	602	672	730	753	758	831	836	NA
Czechoslovakia	140	296	496	618	539	568	591	576	582
East Germany	334	395	538	943	967	948	968	959	1,078
Hungary	57	350	421	559	589	571	594	583	603
Poland	270	1,030	1,533	1,290	1,274	1,298	1,342	1,369	1,254
Romania	19	647	1,292	1,707	1,822	2,008	2,091	2,212	NA
Other									
China	404	2,443	5,026	9,990	9,860	10,219	11,095	12,260	NA
Yugoslavia	4	238	278	296	298	293	302	357	372

^a Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including some technical^b Including Luxembourg.
^c Including some nitrogen for technical purposes.
nitrogen and anhydrous ammonia exported for further processing.

Table 134
Phosphate Fertilizer Production, Nutrient Content

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^a	7,960	13,700	13,900	17,900	14,000	13,800	15,300	15,900	NA
United States	2,626	5,369	6,531	9,500	6,265	6,363	7,735	8,190	NA
Australia	569	695	481	800	797	759	678	652	NA
Canada	210	560	610	724	667	581	687	665	NA
Japan	515	665	585	648	580	615	647	641	NA
Spain	299	487	456	497	373	449	383	448	NA
European Community	3,160	4,900	3,910	4,210	3,820	3,660	3,680	3,730	NA
Belgium	289	745	625 ^b	590 ^b	507 ^b	460 ^b	400 ^b	390 ^b	NA
France ^c ^d	770	1,451	1,259	1,351	1,278	1,200	1,230	1,295	NA
Italy	399	510	370	581	493	455	434	460	NA
West Germany	750	946	649	687	560	564	552	492	NA
Other countries ^a									
Brazil	45	162	594	1,582	1,187	1,139	1,055	1,498	NA
Communist countries									
USSR and Eastern Europe	1,850	5,500	8,120	9,080	9,540	9,530	10,000	10,400	NA
USSR ^c	1,192	3,585	5,511	6,455	6,836	7,057	7,417	7,695	8,200
Eastern Europe	658	1,910	2,610	2,630	2,700	2,470	2,620	2,660	NA
Bulgaria	41	148	246	217	258	239	204	211	NA
Czechoslovakia ^c	147	322	398	361	340	335	326	344	353
East Germany ^c	166	430	427	370	360	286	315	308	299
Hungary	45	167	206	149	158	156	167	160	130
Poland	207	599	929	842	866	868	872	869	889
Romania	52	244	404	687	717	590	733	765	NA
Other									
China ^c	94	330	680	2,310	2,510	2,537	2,660	2,520	NA
Yugoslavia	41	126	132	143	144	141	140	116	94

^a Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year.

^c Including production of ground phosphate rock for direct application and phosphate animal feeds.

^d Beginning 1 May of the stated year.

^b Including Luxembourg.

Table 135
Potassium Fertilizer Production, Nutrient Content
Thousand metric tons of K₂O

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^a	5,920	10,300	11,200	15,100	13,100	11,900	14,000	14,200	NA
United States	2,045	2,259	2,099	2,052	1,963	1,639	1,470	1,414	NA
Canada	0	3,179	4,842	7,337	6,043	5,379	7,156	7,283	NA
Spain	265	525	512	691	714	702	647	665	NA
European Community	3,600	4,290	3,760	5,040	4,420	4,220	4,690	4,830	NA
France	1,581	1,842	1,734	1,933	1,726	1,601	1,685	1,740	NA
West Germany ^b	1,967	2,293	1,848	2,701	2,286	2,226	2,566	2,627	NA
Other countries ^a									
Israel	92	576	712	812	832	940	956	1,128	NA
Communist countries									
USSR and Eastern Europe	2,750	6,570	11,300	12,000	12,500	12,100	13,300	13,800	NA
USSR ^c	1,084	4,087	7,944	8,064	8,449	8,079	9,294	9,776	10,500
Eastern Europe	1,670	2,490	3,400	3,930	4,020	4,000	3,980	4,030	NA
Czechoslovakia ^d	0	62	168	203	206	211	206	216	NA
East Germany	1,666	2,420	3,019	3,422	3,460	3,434	3,431	3,465	3,465
Hungary ^d	0	0	63	139	152	142	140	139	NA
Poland ^d	0	0	119	105	101	118	111	118	NA
Romania ^d	0	4	33	57	102	94	89	96	NA
Other									
China	0	7	14	20	20	26	31	40	NA

^a Data are for "fertilizer years"—in general, the year beginning 1 July of the stated year. Including unidentified double

counting of some products used for technical purposes (estimated at 4 percent to 5 percent of the total).

^b Excluding technical potash.

^c Including some potassium for technical purposes.

^d Imported potash added to domestically produced nitrogen and phosphate to form multinutrient fertilizer.

Table 136
Plastics Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	2,850	9,660	10,206	12,786	13,532	12,912	14,729	15,956	15,665
Japan	556	5,128	4,373	6,422	5,936	5,986	6,504	7,424	7,280
European Community									
Belgium	46	419	678	1,835	1,940	2,023	2,246	2,374	2,500
Italy	346	1,567	2,053	2,464	2,154	2,142	2,436	2,718	2,660
Netherlands	116	795	1,350	1,975	2,393	2,502	2,777	2,641	2,450
United Kingdom	566	1,463	2,057	2,260	2,093	1,960	1,960	1,960	1,970
West Germany	982	4,321	5,046	6,710	6,600	6,275	7,031	7,408	7,680
Communist countries									
USSR and Eastern Europe	560	2,860	4,920	7,110	7,670	7,710	8,380	8,970	NA
USSR ^a	312	1,670	2,838	3,637	4,089	4,058	4,419	4,819	5,000
Eastern Europe	248	1,190	2,080	3,470	3,580	3,650	3,960	4,150	NA
Bulgaria	7	89	156	255	290	337	398	418	NA
Czechoslovakia	64	245	428	894	913	956	1,002	1,039	1,100
East Germany	115	370	605	861	998	990	1,045	1,057	1,044
Hungary	10	56	124	328	314	326	345	385	NA
Poland	40	224	421	549	476	451	535	593	NA
Romania	12	206	347	579	584	591	633	655	NA
Other									
China	NA	180	330	900	916	1,003	NA	1,160	1,208
Yugoslavia	15	97	160	438	483	489	466	551	586

^a Dry basis, excluding water, solvents, and other liquid diluents.

^b Including resins for manmade fibers.

Table 137
Natural Rubber Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
India	25.2	89.9	136.0	155.4	150.7	165.9	168.0	183.9	198.4
Indonesia ^a	620.3	815.2	822.5	1,020.0	867.5	880.0	997.2	1,115.0	1,070.0
Malaysia ^b	755.7	1,269.2	1,459.3	1,530.0	1,510.2	1,494.2	1,563.7	1,529.2	1,456.1
Sri Lanka	98.8	159.2	148.8	133.2	123.9	126.2	140.0	141.9	137.5
Thailand ^a	170.8	318.8	355.0	501.1	504.0	552.2	587.2	628.6	725.0

^a Exports plus estimated consumption.

^b Including data for Malaya and Singapore, Sarawak, and Sabah.

Table 138

Synthetic Rubber Production

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	1,910	4,550	4,480	5,420	5,330	4,720	5,050	5,570	5,340
United States	1,459	2,232	1,990	2,215	2,225	1,817	1,987	2,219	1,963
Canada	162	205	173	253	263	182	182	218	209
Japan	23	698	789	1,094	1,010	931	1,002	1,160	1,158
European Community	269	1,340	1,410	1,690	1,660	1,620	1,720	1,810	1,830
France	17	316	350	511	487	479	514	551	540
Italy	67	155	200	250	235	210	220	215	225
Netherlands	12	200	216	212	211	203	196	207	235
United Kingdom	92	316	261	212	226	246	262	289	270
West Germany	81	302	316	390	397	384	418	438	448
Other countries									
Brazil	0	75	129	249	223	228	221	258	260
Mexico	0	44	60	91	104	100	124	139	140
Communist countries									
USSR and Eastern Europe	454	1,210	1,880	2,390	2,360	2,300	2,330	2,480	2,520
USSR ^a	347	914	1,450	1,880	1,860	1,795	1,812	1,955	2,005
Eastern Europe	107	295	427	508	505	506	514	524	517
Bulgaria	0	4	19	30	30	25	25	26	26
Czechoslovakia	0	50	57	60	63	66	67	71	70
East Germany	87	118	144	150	155	155	155	152	140
Poland	20	62	108	118	111	100	120	119	126
Romania	0	61	99	150	146	160	147	156	155

^a Estimated.

Manufacturing Goods and Forestry

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Table 139

Synthetic Fibers Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	307.2	1,626.7	2,664.4	3,571.4	3,621.4	2,922.4	3,416.0	3,389.1	3,424.2
Japan	118.3	1,027.9	1,062.0	1,400.4	1,368.0	1,294.8	1,438.8	1,414.8	1,445.0
European Community	204	1,370	1,710	1,840	1,940	1,810	1,940	2,020	2,110
France	45.3	175.2	208.8	224.4	232.8	205.2	207.6	213.6	204.0
Italy	33.7	241.7	316.8	399.6	482.4	489.6	540.0	597.6	672.0
United Kingdom ^b	61.0	336.9	361.2	288.0	247.2	202.8	225.6	234.0	231.6
West Germany	52.3	497.0	633.6	721.2	768.0	702.0	758.4	770.4	796.0
Other countries									
South Korea	NEGL	46.2	267.9	537.6	610.8	612.0	663.6	NA	NA
Communist countries									
USSR and Eastern Europe	35.5	361	819	1,200	1,290	1,360	1,450	NA	NA
USSR	15.0	167.0	365.0	570.0	609.0	655.0	708.0	745.0	NA
Eastern Europe	20.5	194	454	630	677	706	743	NA	NA
Bulgaria	0	23.1	41.7	55.5	58.6	62.1	61.9	NA	NA
Czechoslovakia	3.4	31.4	69.4	106.3	165.1	179.9	185.8	189.0	NA
East Germany	7.8	47.3	111.8	138.7	146.2	149.0	151.0	154.0	NA
Hungary	0.4	5.6	11.3	20.6	21.3	20.3	21.0	22.2	NA
Poland	8.0	57.5	124.2	168.0	139.1	134.5	152.4	160.3	164.0
Romania	0.9	29.5	95.6	141.0	146.4	159.7	171.2	281.3	257.2
Other									
Yugoslavia	NA	8.7	18.5	49.9	51.0	61.2	74.1	100.0	99.0

^a Data are for noncellulosic fibers whether made of natural polymers, which are based on materials such as casein or groundnuts, or made of synthetic polymers, which are based mostly on coal or petroleum. Data exclude waste, glass fibers, and rubber fibers.

^b "Delivery weight," approximately 3 percent less than "actual weight," prior to mid-1967. Thereafter, approximately one-half of production is reported as "actual weight."

Table 140
Electric Generator Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b	12,899	27,565	30,496	21,122	15,435	9,967	12,170	11,028	NA
Communist countries	7,900	10,578	17,100	16,100	13,900	12,700	12,600	13,700	13,300
USSR	29	37	32	71	202	228	85	NA	NA
Bulgaria	1,391	1,487	1,474	879	1,404	1,189	892	864	NA
Czechoslovakia ^c	357	473	752	487	161	428	NA	518	NA
Hungary ^{c d}	83	747	1,479	1,111	772	929	606	NA	NA
Romania	NA	2,918	4,965	4,193	1,395	1,645	2,740	4,674	5,610
China									

^a Turbogenerators and hydrogenerators. Production of diesel

generators is believed to be negligible in most instances.

^b Shipments of units of 4,000 kilowatts and larger.

^c Generators for steam and gas turbines only.

^d Thousand kilovolt amperes.

Table 141
Turbine Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b	12,899	27,565	30,496	21,122	15,435	9,967	12,170	11,028	NA
Communist countries	9,200	16,191	18,886	19,600	14,600	17,300	15,500	21,300	21,600
USSR ^c	1,555	2,239	1,720	1,120	1,671	2,104	1,503	NA	NA
Czechoslovakia	186	471	1,820	1,318	968	893	587	NA	NA
Poland ^d	98	121	712	497	337	597	257	NA	NA
Romania ^c									

^a Unless otherwise indicated, data are for steam and hydraulic turbines. Most production of turbines is for use in matched sets with generators for production of electricity. In addition, turbines are produced in single units for many purposes, including direct industrial drives, marine propulsion, and pipeline transmission.

^b Shipments of units of 4,000 kilowatts and larger. Data are

available only for turbines produced in integral units together with generators. Therefore, data for turbines and generators for the United States are assumed to be the same. Some turbines are produced in single units, but no data are available on this production.

^c Including a number of gas turbines.

^d Steam turbines only.

^e Steam turbines of more than 500 kilowatts only.

Table 142

Housing Construction

Million square meters

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^a	145.4	152.3	159.0	182.3	154.2	120.0	171.6	201.0	207.9
USSR ^b	109.6	106.0	109.9	105.0	106.4	107.9	112.4	112.5	113.0

^a Housing production measured in square meters based on U.S. Census data for housing completions. Average unit size corrected to conform to Soviet "useful space" concept. Data does not include mobile homes.

^b Total "useful" housing space, which includes all interior space of living units but excludes space at exterior halls, service areas, and walls.

Table 143

Metalcutting Machine Tool Production ^a

Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b	42.91	49.31	64.32	61.37	72.01	49.10	35.40	34.45	33.82
Communist countries									
USSR and Eastern Europe									
USSR	155.92	202.16	231.35	216.00	205.00	195.00	190.00	188.00	182.00
Eastern Europe									
Bulgaria	3.15	13.94	16.28	18.87	18.67	17.90	15.12	15.20	15.40
Czechoslovakia	30.23	35.19	29.66	36.90	34.70	37.10	35.40	36.90	38.40
East Germany	41.90	22.22	19.72	17.50	16.80	18.00	20.40	20.70	20.91
Hungary	9.78	14.48	12.83	10.20	10.90	13.10	13.10	11.30	11.41
Poland	22.47	29.73	33.19	28.20	30.50	32.20	39.30	45.60	52.50
Romania	4.44	14.14	28.27	29.40	36.70	37.90	59.00	80.20	85.81
Other									
China									
NA	140.00	175.00	134.00	103.00	100.00	118.00	131.40	154.50	

^a Power-driven metalcutting machines that are not portable by hand and are used to remove metal in the form of chips; these machines include lathes and planers and milling, honing, lapping, grinding, electroerosion, and ultrasonic cutting machines.

^b Average value of \$1,000 and over for 1960-75 and beginning in 1980, \$2,500 and over.

Table 144
Metallforming Machine Tool Production ^a

Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b	19.3	24.2	26.8	30.3	21.7	18.3	31.5	34.1	17.8
USSR	29.9	41.3	50.5	57.2	57.1	57.3	57.4	55.3	52.7

^a Power-driven metallforming machine tools that are not supported in the hands of an operator when in use and are designed to press, forge, emboss, hammer, extrude, blank, spin, shear, and bend metal into shape.

^b Average value of \$1,000 and over for 1960-75 and beginning in 1980, \$2,500 and over.

Table 145
Grain Combine Production ^a

Units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b	30,165	21,017	31,259	28,502	32,062	22,726	13,673	11,296	NA
Communist Countries									
USSR and Eastern Europe	67,000	103,000	108,000	NA	NA	NA	NA	NA	NA
USSR	59,000	99,200	97,500	117,000	106,000	112,000	118,000	118,000	112,000
Eastern Europe	8,040	4,230	10,800	NA	NA	NA	NA	NA	NA
East Germany	1,972	900	1,500	NA	NA	NA	NA	NA	NA
Poland	564	2,155	3,591	4,593	4,255	4,500	4,600	4,800	NA
Romania	5,500	1,179	5,659	4,890	6,017	4,800	5,094	4,900	NA

^a Tractor-drawn and self-propelled.

^b Shipments.

Table 146

Tractor Production ^a

Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	178.5	191.7	232.0	155.4	149.8	80.8	51.9	72.4	75.0
Japan	NA	33.8 ^b	207.3	203.0	178.8	179.4	171.0	201.4	209.7
European Community									
France	63.4	68.8	55.8	39.1	38.3	40.2	38.6	36.2	32.6
Italy	37.6	84.8	116.4	128.3	109.0	92.8	88.4	94.1	97.3
United Kingdom ^c	181.0	160.7	141.7	103.3	95.0	91.0	89.0	102.0	102.0
West Germany ^d	120.7	105.4	114.1	94.6	97.0	106.0	98.3	80.6	86.0
Communist countries									
USSR and Eastern Europe	308	569	697	728	721	724	741	748	NA
USSR	238.5	458.5	550.4	555.0	559.0	555.0	564.0	571.0	585.0
Eastern Europe	70.0	111	147	173	162	169	177	178	NA
Bulgaria	0	3.5	5.1	6.8	6.6	6.2	5.9	5.8	5.3
Czechoslovakia	32.5	18.5	29.6	33.4	32.1	33.5	34.2	34.2	35.0
East Germany	9.1	16.4	4.0	4.4	4.3	4.4	3.7	2.1	2.6
Hungary	2.6	1.9	0.6	0.1	0.2	0.3	0.4	0.1	0.3
Poland	8.7	41.0	57.6	57.5	50.5	53.0	55.5	58.8	59.0
Romania	17.1	29.3	50.0	70.9	68.1	71.8	77.1	76.5	NA
Other									
China	10.8	24.0	NA	98.0	53.0	40.0	37.0	39.7	44.6
Yugoslavia	7.3	12.0	33.2	50.7	54.7	52.3	55.9	59.7	56.6

^a Excluding garden-type tractors.^b Data are for 1971.^c Shipments.^d Excluding single-axle tractors.

Table 147
Passenger Automobile Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	6,675	6,547	6,713	6,400	6,225	5,049	6,739	7,621	8,002
Canada	326	923	1,045	847	803	808	969	1,033	1,075
Japan	165	3,179	4,568	7,038	6,978	6,336	7,156	7,073	7,634
Spain	NA	455	702	1,048	877	944	1,136	1,174	1,200
European Community	4,920	9,410	8,530	9,450	8,830	9,140	9,380	9,160	9,560
France	1,136	2,458	2,951	3,487	2,953	3,086	2,960	2,910	2,760
Italy ^b	596	1,720	1,348	1,445	1,256	1,296	1,386	1,439	1,400
United Kingdom	1,353	1,641	1,268	924	955	888	1,045	910	1,048
West Germany	1,817	3,528	2,905	3,512	3,590	3,776	3,878	3,788	4,240
Other countries									
Brazil ^c	57	255	554	652	605	686	685	536	455
Mexico ^c	NA	137	262	312	358	328	227	246	300
South Korea ^c	NA	NA	NA	58	72	98	128	167	262
Communist countries									
USSR and Eastern Europe	272	704	1,780	2,150	2,040	2,020	2,070	2,150	NA
USSR	139	344	1,201	1,327	1,324	1,307	1,315	1,327	1,332
Eastern Europe	133	360	577	822	714	713	754	820	NA
Bulgaria	0	2	11	22	21	24	29	34	NA
Czechoslovakia	56	143	175	184	181	174	178	180	184
East Germany	64	127	159	177	180	183	188	202	210
Poland ^d	12	64	164	351	240	228	269	279	283
Romania ^e	1	24	68	88	92	104	90	125	NA
Other									
Yugoslavia ^c	4	111	183	255	242	213	220	244	228

^a Factory sales. Starting in 1980 excluding passenger vans.

^b Excluding production for the armed forces.

^c Including vehicles assembled from imported parts.

^d Excluding special passenger cars.

^e Including jeeps.

Table 148

Truck and Bus Production ^a

Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD ^b									
United States ^c	1,194	1,692	2,272	1,667	1,701	1,906	2,414	3,075	3,357
Canada	72	236	379	528	520	468	554	809	865
Japan	595	2,126	2,376	4,006	4,206	3,857	3,966	4,037	4,740
Spain	17	77	113	146	127	102	31	32	NA
European Community	982	1,210	1,120	1,460	1,200	1,140	1,050	1,080	1,180
France	234	292	336	505	473	446	332	424	440
Italy ^d	49	134	109	167	175	156	179	160	180
United Kingdom	458	458	380	389	229	269	245	224	263
West Germany	238	318	288	380	312	258	283	264	290
Other countries									
Brazil	76	161	395	516	341	346	361	384	570
Communist countries									
USSR and Eastern Europe	452	728	977	NA	NA	NA	NA	NA	NA
USSR	385	572	763	872	874	866	875	880	NA
Eastern Europe	67	156	214	NA	NA	NA	NA	NA	NA
Bulgaria	0	3	6	NA	NA	NA	NA	NA	NA
Czechoslovakia ^e	18	27	33	46	46	47	46	47	48
East Germany	13	27	38	40	41	41	41	45	46
Hungary ^e	4	10	13	14	11	13	12	13	14
Poland	23	53	85	67	53	48	52	55	58
Romania	9	37	39	36	NA	NA	NA	NA	NA
Other									
China ^f	15	70	133	136	108	122	137	182	255
North Korea	3	8	10	12	13	14	15	16	16
Yugoslavia	6	17	19	21	20	20	16	16	16

^a Unless otherwise indicated, data are for light and heavy trucks, wheeled tractors for road haulage, special vehicles, and buses.

^b Data include complete units exported for assembly.

^c Factory sales, including passenger vans starting in 1980.

^d Excluding production for the armed forces.

^e Excluding wheeled tractors.

^f Excluding buses, jeeps, and three-wheel trucks.

Table 149
Railroad Freight Car Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	57.31	66.18	72.39	85.92	44.90	17.24	5.77	12.40	12.1
European Community									
France ^b	7.93	14.23	9.62	5.60	6.55	3.83	3.00	2.90	1.40
West Germany	6.63	9.60	6.96	10.60	9.50	NA	2.75	NA	NA
Other countries									
India ^c	11.90	11.98	12.24	11.40	16.54	15.80	16.40	15.40	15.0
Communist countries									
USSR and Eastern Europe	64.7	97.5	117	106	95.1	88.4	NA	NA	NA
USSR	36.40	58.30	69.90	63.00	61.00	58.60	58.40	58.70	NA
Eastern Europe	28.3	39.2	47.4	43.2	34.1	29.8	NA	NA	NA
Bulgaria	2.01	1.99	2.51	3.00	3.05	2.98	3.10	NA	NA
Czechoslovakia	5.15	4.35	5.03	7.27	7.38	6.52	5.57	NA	NA
East Germany	2.14	5.71	5.05	4.46	4.81	3.81	3.15	1.71	NA
Hungary	0.45	0.50	0.48	0.03	NEGL	0.01	NA	NA	NA
Poland	13.90	15.46	18.74	15.20	9.10	6.40	6.05	6.36	6.80
Romania	4.62	11.16	15.59	13.24	9.77	10.03	11.30	12.00	NA
Other									
China	23.00	8.00	14.50	10.57	8.78	10.56	15.78	18.10	NA
North Korea	0.60	3.50	4.00	4.50	4.60	4.70	4.80	4.90	4.90
Yugoslavia	3.42	2.61	3.33	2.13	2.69	3.03	3.16	NA	NA

^a Units of two, four, or more axles. Most production now consists of four-axle units.

^b Shipments.

^c Four wheelers only.

Table 150

Rubber Tire Production ^a

Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	123,059	193,971	191,999	159,263	181,762	178,500	186,923	209,375	195,972
Japan ^c	10,100	63,828	74,580	113,004	127,788	125,292	134,616	135,360	148,400
European Community									
France ^d	16,518	39,415	39,365	50,544	43,224	41,484	47,328	44,316	46,740
Italy ^c	NA	22,383	25,716	52,320	48,600	44,364	37,944	39,900	42,400
United Kingdom ^c	15,904	30,540	26,008	26,346	23,724	24,376	23,976	24,120	24,216
West Germany ^c	14,745	37,548	32,016	37,848	35,412	35,952	37,668	39,288	40,580
Communist countries									
USSR and Eastern Europe	25,300	52,300	76,900	89,900	88,700	88,700	90,700	95,100	NA
USSR	17,225	34,620	51,480	60,100	60,500	61,700	62,000	63,700	65,200
Eastern Europe	8,070	17,700	25,400	29,800	28,200	27,100	28,700	31,400	NA
Bulgaria	204	919	1,736	2,117	2,153	2,212	2,317	2,380	NA
Czechoslovakia	2,387	3,933	5,945	6,740	6,844	6,198	6,217	6,500	NA
East Germany	2,714	4,692	6,272	7,067	7,026	7,051	7,380	7,784	8,364
Hungary	551	1,090	1,013	840	838	735	735	794	825
Poland	1,862	4,516	6,644	8,020	6,134	5,322	6,695	8,103	8,541
Romania	351	2,508	3,786	5,046	5,170	5,445	5,346	5,882	7,210
Other									
China	NA	4,200	7,000	11,000	7,300	8,640	12,710	15,345	18,527
Cuba	325	202	368	387	326	218	353	449	472
Yugoslavia	391	2,763	5,110	9,584	10,512	9,388	9,423	9,858	11,194

^a Unless otherwise indicated, data are for all motor vehicle tires, excluding aircraft and bicycle tires.^b Excludes motorcycle tires after 1975.^c Excluding motorcycle tires.^d Excluding motorcycle, tractor, and agricultural tires.

Table 151
Cement Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	186	318	336	383	374	354	358	354	342
United States	56.06	67.43	61.82	68.24	65.05	57.47	63.88	70.49	72.58
Canada	5.34	7.28	9.74	10.34	10.15	8.14	7.80	8.86	9.93
Japan	22.54	57.19	65.52	87.96	84.83	79.21	80.89	78.85	71.94
Spain	5.23	16.70	24.10	28.01	28.75	29.60	31.21	25.50	21.58
Turkey	2.04	6.37	10.86	14.81	15.04	15.72	13.60	15.74	17.16
European Community	79.0	137	137	148	142	136	133	129	123
Belgium	4.39	6.73	6.89	7.49	6.70	6.32	5.72	5.72	5.66
France	14.35	29.01	29.71	29.10	28.22	26.15	24.50	22.72	22.22
Italy	16.01	33.08	34.24	41.86	42.10	40.25	39.77	38.30	37.81
United Kingdom	13.50	17.17	16.90	14.81	12.73	12.96	13.39	13.49	12.24
West Germany	24.90	38.32	33.50	34.26	31.50	30.37	29.57	28.72	26.28
Other countries									
Brazil	4.74	9.00	16.74	27.19	26.05	25.44	20.88	19.49	20.43
India	7.84	13.96	16.24	17.70	20.77	22.50	25.36	29.03	30.89
Mexico	3.09	7.27	11.70	16.26	17.84	19.10	17.03	18.38	20.00
Communist countries									
USSR and Eastern Europe	68.4	137	180	191	189	186	190	193	189
USSR	45.52	95.25	122.06	125.05	127.17	123.68	128.16	130.00	131.00
Eastern Europe	22.9	42.1	58.1	66.0	61.9	62.0	61.4	62.6	58.0
Bulgaria	1.59	3.67	4.36	5.36	5.45	5.62	5.64	5.71	5.22
Czechoslovakia	5.05	7.40	9.30	10.55	10.64	10.32	10.50	10.53	10.27
East Germany	5.03	7.98	10.66	12.44	12.20	11.72	11.78	11.56	11.60
Hungary	1.57	2.77	3.76	4.66	4.63	4.37	4.25	4.14	3.68
Poland	6.60	12.18	18.54	18.44	14.23	16.03	16.16	16.66	15.00
Romania	3.05	8.13	11.52	14.60	14.75	13.93	13.03	14.02	12.20
Other	12.00	26.60	47.10	79.86	84.00	95.00	106.00	121.08	142.46
China	0.80	0.74	2.08	2.83	3.29	3.16	3.10	3.34	3.20
Cuba	2.30	2.80	5.00	6.60	7.00	7.40	7.70	8.00	NA
North Korea	2.40	4.40	7.07	9.31	9.78	9.72	9.59	9.31	9.03
Yugoslavia									

^a All types of hydraulic cements used in construction.

Table 152

Newsprint Production

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	12,700	18,800	17,400	22,000	22,800	21,300	21,900	23,600	23,600
United States	1,818	3,035	3,153	4,239	4,753	4,574	4,688	5,025	4,924
Australia	90	173	196	222	215	364	376	378	372
Canada	6,068	7,996	7,056	8,621	8,946	8,117	8,486	9,013	8,988
Finland	781	1,305	1,028	1,430	1,556	1,297	1,285	1,538	1,489
Japan	732	1,917	2,160	2,674	2,575	2,580	2,562	2,554	2,580
New Zealand	91	214	219	319	323	322	322	320	320
Norway	226	554	436	588	696	662	704	841	815
Sweden	582	1,030	1,188	1,534	1,592	1,322	1,363	1,507	1,595
European Community	2,030	2,170	1,510	1,780	1,560	1,450	1,450	1,700	1,810
France	551	430	256	260	246	248	218	264	263
Italy	259	311	240	271	234	198	193	206	177
United Kingdom	753	757	316	364	113	86	79	230	349
West Germany	230	408	482	593	670	662	660	694	707
Other countries									
South Africa	0	160	210	226	302	362	240	301	NA
South Korea	27	102	107	214	236	212	208	216	244
Communist countries									
USSR and Eastern Europe	678	1,420	1,660	1,920	1,910	1,870	1,880	1,920	NA
USSR	434	1,101	1,361	1,535	1,532	1,508	1,528	1,552	NA
Eastern Europe	244	319	300	380	379	361	348	364	NA
Czechoslovakia	34	81	77	70	76	79	68	72	71
East Germany	89	97	96	116	118	113	106	106	NA
Poland	77	88	83	91	82	78	83	86	68
Romania	44	53	44	103	103	91	91	100	NA
Other									
Cuba ^a	NA	19	32	37	40	36	NA	NA	NA
Yugoslavia	28	75	85	45	52	29	28	29	27

^a Printing and writing paper.

Table 153
Plywood Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD	12,400	26,200	25,400	27,900	28,100	24,200	28,800	29,500	29,900
United States	7,910	14,078	14,579	14,857	16,300	13,300	17,090	17,984	18,868
Canada	1,000	1,851	2,051	2,338	2,086	1,682	2,064	1,846	1,900
Finland	414	706	415	639	603	596	580	592	556
Japan	1,286	6,922	6,168	8,000	7,096	6,740	7,291	7,300	6,805
Spain	75	225	266	162	110	150	120	129	135
European Community	1,350	1,900	1,570	1,570	1,600	1,420	1,330	1,380	1,330
France	390	643	551	527	516	477	483	476	454
Italy	150	420	400	400	500	425	325	346	350
West Germany	660	569	400	429	354	331	334	336	300
Other countries									
Brazil	98	342	660	826	902	900	900	900	930
Malaysia	2	197	404	601	603	787	800	800	570
Philippines	287	653	423	553	463	434	469	414	200
Singapore	NA	215	334	480	480	480	480	480	480
South Korea	29	847	1,436	1,575	1,599	1,423	1,491	1,304	1,500
Communist countries									
USSR and Eastern Europe	1,690	2,600	2,850	2,710	2,680	NA	NA	NA	NA
USSR	1,354	2,045	2,196	2,022	2,035	2,015	2,103	2,349	2,410
Eastern Europe	333	558	658	684	646	NA	NA	NA	NA
Bulgaria	64	71	65	56	53	57	55	53	NA
Czechoslovakia	46	57	113	137	136	152	146	NA	NA
East Germany	60	73	78	82	76	76	77	76	NA
Hungary	22	12	5	5	5	NA	NA	NA	NA
Poland	73	99	128	131	116	104	109	NA	NA
Romania	68	246	269	273	260	252	233	234	NA
Other									
Yugoslavia	61	103	126	117	102	96	92	94	94

Agriculture

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Table 154

Total Grain Production ^a

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Developed countries									
United States	181.26	186.72	249.17	269.68	333.43	332.94	207.50	314.59	346.48
Australia	10.81	12.86	17.73	16.36	23.55	14.05	30.62	28.34	25.65
Canada	25.39	26.47	35.26	39.81	49.32	51.78	46.25	41.85	47.14
Japan	20.18	17.00	17.60	13.17	13.80	13.98	14.04	15.99	15.84
New Zealand	0.38	0.58	0.65	0.75	0.79	0.71	0.73	0.96	1.10
South Africa	6.52	8.06	11.50	13.02	17.74	11.15	6.13	7.06	9.88
Spain	7.27	10.30	14.20	18.64	11.57	13.14	13.75	21.01	20.90
Turkey	12.12	15.66	21.91	24.21	25.28	26.06	24.04	25.91	26.11
European Community	71.1	90.3	100	125	122	131	124	151	137
France	23.02	31.29	35.12	47.36	44.50	48.19	46.00	57.50	54.53
Italy	11.98	16.15	17.15	17.99	18.46	18.33	18.07	19.99	18.13
United Kingdom	9.46	13.01	13.82	19.42	19.58	21.87	21.27	26.57	22.18
West Germany	15.06	16.07	20.08	22.41	22.24	23.90	22.54	25.97	25.39
Other countries									
Argentina	12.57	19.66	22.79	18.27	29.71	34.08	30.62	31.51	28.58
Bangladesh	14.57	16.86	19.28	21.66	21.55	22.29	22.85	23.14	23.36
Brazil	14.61	22.78	26.19	33.19	32.00	33.71	29.03	32.58	31.22
Colombia	1.56	1.67	2.83	3.24	3.34	3.54	3.27	3.16	3.23
Egypt	5.43	6.62	7.36	7.52	7.59	7.93	8.08	7.79	8.66
India	78.97	101.80	117.35	131.15	137.45	127.52	152.68	154.91	155.17
Indonesia	15.35	22.15	25.26	33.65	37.29	36.82	40.33	43.34	43.96
Mexico	7.36	14.99	16.62	21.11	25.53	20.20	22.41	24.19	28.61
Pakistan	6.24	11.75	12.82	16.86	17.96	17.86	18.84	17.25	17.53
Peru	1.13	1.32	1.48	1.14	1.62	1.58	1.47	2.08	1.82
Thailand	8.38	15.47	18.39	20.60	21.50	20.12	23.43	23.90	24.58
Venezuela	0.51	0.86	1.09	1.55	1.48	1.45	1.30	1.43	2.06
Zimbabwe	1.01	0.79	2.03	1.88	3.09	1.77	0.94	1.50	3.08

Table 154 (continued)
Total Grain Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Communist countries									
USSR and Eastern Europe	173	242	213	270	239	269	275	266	282
USSR ^b	125.56	186.80	140.12	189.09	160.00 ^c	180.00 ^c	190.00 ^c	170.00 ^c	190.00 ^c
Eastern Europe ^d	47.2	55.1	73.1	80.7	79.5	88.9	84.6	96.0	92.1
Bulgaria ^e	4.97	6.91	7.87	7.81	8.64	10.18	8.08	9.40	7.00
Czechoslovakia	4.84	7.20	9.28	10.70	9.40	10.28	11.04	11.98	11.70
East Germany	6.38	6.46	8.91	9.63	8.86	10.02	10.07	11.35	11.59
Hungary	6.90	7.62	12.19	14.01	12.89	14.92	13.76	15.33	14.90
Poland	14.30	16.26	19.56	18.34	19.72	21.17	22.10	24.39	23.70
Romania	9.83	10.63	15.27	20.20	19.95	22.33	19.61	23.58	20.33
Other									
Cambodia ^f	NA	NA	NA	1.60	1.60	1.90	1.80	1.60	NA
China ^g	140.30	239.96	284.52	320.52	325.02	353.43	387.28	407.12	378.90
Cuba ^h	0.41	0.31	0.36	0.37	0.34	0.39	NA	NA	NA
Laos ^f	NA	0.80	NA	1.10	1.20	1.10	1.10	1.30	1.30
North Korea	2.66	3.50	5.40	4.60	6.30	6.70	6.40	6.60	NA
Vietnam ⁱ	NA	NA	11.50	14.40	15.10	16.20	16.80	17.30	18.00
Yugoslavia	10.93	11.61	15.01	15.66	15.23	17.41	17.28	18.01	15.8

^a Data are for the following products, where they are produced: barley, corn, oats, rice, rye, sorghum, and wheat.
^b Including miscellaneous grains and pulses. Measured in bunker weight, that is, gross output from the combine which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US or other country grain output, an average discount of 11 percent should be applied.
^c United States Department of Agriculture estimates.
^d Including miscellaneous grains.
^e Including pulses.
^f Data reflect only rice production.
^g Including soybeans, broad beans, and field peas. Tubers are included on a grain equivalent basis of 5 metric tons of tubers to 1 metric ton of grain.
^h Data reflect only government collections of corn and rice; total production of grains is somewhat higher.
ⁱ Including corn, manioc, sweet potatoes, and soybeans on a paddy-equivalent basis (1 ton paddy=0.63 tons of grain or rice).

Table 155

Wheat Production

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	36.87	36.78	57.89	64.62	76.17	76.54	65.86	70.62	65.99
Australia	7.45	7.89	11.98	10.86	16.36	8.88	21.76	18.64	16.55
Canada	14.11	9.02	17.08	19.29	24.80	26.79	26.50	21.20	23.90
Spain	3.52	4.13	4.30	6.04	3.41	4.41	4.27	6.05	5.33
Turkey	7.00	10.08	14.83	16.55	17.00	17.54	16.44	17.24	17.03
European Community	29.5	36.7	40.2	55.1	54.4	59.9	59.4	76.4	65.5
France	11.01	12.92	15.01	23.68	22.86	25.34	24.74	32.98	29.03
Italy	6.79	9.69	9.61	9.16	8.83	8.90	8.72	10.05	8.52
United Kingdom	3.04	4.24	4.49	8.47	8.71	10.32	10.80	14.96	11.70
West Germany	4.82	5.66	7.01	8.16	8.31	8.63	9.00	10.22	9.87
Other countries									
Argentina	4.20	4.92	8.57	7.78	8.30	15.13	12.30	13.20	8.50
India	10.32	20.09	24.10	31.83	36.31	37.45	42.79	45.48	44.23
Iran	2.60	4.26	5.57	6.00	6.52	6.50	5.96	5.50	6.00
Pakistan	3.91	7.29	7.67	10.86	11.47	11.30	12.41	10.88	11.60
Communist countries									
USSR and Eastern Europe	77.3	119	90.3	127	106	115	108	109	115
USSR ^a	64.30	99.73	66.22	98.18	80.00 ^b	86.00 ^b	79.00 ^b	73.00 ^b	83.00 ^b
Eastern Europe	13.0	19.1	24.1	29.1	25.9	29.0	29.4	36.0	32.0
Bulgaria	2.38	3.06	3.01	3.87	4.48	4.95	3.64	4.87	3.10
Czechoslovakia	1.50	3.17	4.20	5.39	4.32	4.61	5.82	6.17	6.00
East Germany	1.46	2.13	2.74	3.10	2.94	2.74	3.55	3.90	3.94
Hungary	1.77	2.72	4.01	6.08	4.61	5.76	5.99	7.37	6.55
Poland	2.30	4.61	5.21	4.18	4.20	4.48	5.16	6.01	6.50
Romania	3.55	3.40	4.91	6.47	5.35	6.51	5.25	7.63	5.90
Other									
China	22.17	29.18	45.31	54.16	58.49	68.42	81.39	87.68	85.00
Yugoslavia	3.57	3.79	4.40	5.09	4.27	5.22	5.53	5.60	4.86

^a Measured in bunker weight, that is, gross output from the combine which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US or other country grain output, an average discount of 11 percent should be applied.

^b United States Department of Agriculture estimates.

Table 156
Coarse Grains Production ^a

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	141.91	146.14	185.46	198.43	248.97	250.72	137.12	237.68	274.32
Canada	11.28	17.45	18.19	20.51	24.51	25.05	19.74	20.65	23.24
Spain	3.39	5.79	9.52	12.17	7.71	8.33	9.26	14.52	15.12
Turkey	4.95	5.34	6.84	7.42	7.96	8.52	7.60	8.68	9.07
European Community	40.9	52.6	58.8	68.7	67.0	70.4	63.5	73.8	70.8
Denmark ^b	3.94	5.58	5.69	6.40	6.43	6.77	4.82	6.82	5.97
France	11.90	18.28	20.07	23.65	21.62	22.83	21.26	24.52	25.50
Italy	4.57	5.64	6.53	7.87	8.73	8.36	8.33	8.96	8.54
United Kingdom	6.42	8.77	9.33	10.95	10.87	11.56	10.47	11.61	10.48
West Germany	10.25	10.41	13.07	14.25	13.93	15.27	13.54	15.75	15.52
Other countries									
Argentina	8.22	14.34	13.87	10.23	21.12	18.64	18.04	17.84	19.68
Brazil	9.10	14.29	16.62	20.71	21.56	22.15	19.06	21.60	22.06
India	16.64	18.31	19.90	19.01	21.25	19.30	19.84	21.44	20.44
Mexico	5.84	11.91	13.10	17.86	21.70	15.22	18.53	19.13	22.39
South Africa	5.76	6.67	9.70	11.55	15.40	8.73	4.36	4.91	8.28
Communist countries									
USSR and Eastern Europe	95.2	122	121	140	125	146	154	146	151
USSR ^c ^d	61.08	85.78	71.88	88.30	72.00 ^e	86.00 ^e	99.00 ^e	86.00 ^e	94.00 ^e
Eastern Europe	34.1	35.8	48.7	51.4	53.4	59.7	55.0	60.4	56.7
Bulgaria	2.56	3.81	4.81	3.89	4.12	5.18	4.39	4.53	3.82 ^e
Czechoslovakia	3.34	4.03	5.08	5.31	5.07	5.67	5.22	5.81	5.70
East Germany ^c	4.92	4.32	6.17	6.53	5.92	7.28	6.52	7.45	7.78
Hungary	5.08	4.78	8.02	7.86	8.19	9.07	7.70	8.40	7.93
Poland ^c	12.00	11.65	14.35	14.16	15.52	16.69	16.93	18.38	17.20
Romania	6.22	7.17	10.29	13.69	14.55	15.78	14.27	15.84	14.30
Other									
Cuba ^f	0.10	0.02	0.02	0.01	0.01	0.01	0.02	0.02	NA
Yugoslavia	7.34	7.79	10.57	10.52	10.92	12.15	11.72	12.38	10.94

^a Data are for the following products, where they are produced: barley, corn, oats, rye, and sorghum.

^b Excluding corn.

^c Unless otherwise indicated, data include miscellaneous grains.

^d Measured in bunker weight, that is, gross output from the combine, which includes excess moisture, unripe and damaged kernels, weed seeds, and other trash. For comparison with US or other country grain output, an average discount of 11 percent should be applied.

^e United States Department of Agriculture estimates. Excluding miscellaneous grains, which average about 8 million tons annually.

^f Corn only. Data reflect government collections only. Total production is somewhat higher.

Table 157

Rice Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	2,477	3,801	5,826	6,629	8,289	6,969	4,523	6,296	6,171
Japan	16,072	15,861	17,097	12,189	12,824	12,838	12,958	14,848	14,577
European Community	779	985	1,150	1,080	991	1,120	1,140	NA	NA
Italy	622	819	1,010	968	893	1,008	1,021	989	1,070
Other countries									
Bangladesh	14,522	16,733	19,582	20,821	20,444	21,322	21,751	21,930	21,900
Brazil	5,392	5,394	7,782	9,776	8,228	9,716	7,741	9,022	8,724
Burma	6,850	8,162	9,208	13,317	14,147	14,373	14,288	14,588	15,400
India	52,011	63,401	73,352	80,312	79,883	70,772	90,048	87,990	90,500
Indonesia	14,953	19,324	22,340	29,652	32,774	33,584	35,237	37,978	38,660
South Korea	4,151	5,471	6,485	5,311	7,149	7,308	7,608	7,970	7,855
Thailand	9,475	13,570	15,300	17,368	17,774	16,878	19,549	19,300	19,500
Communist countries									
USSR and Eastern Europe	313	1,460	2,210	2,920	2,580	2,670	2,900	3,000	NA
USSR	187	1,279	2,009	2,791	2,400 ^b	2,400 ^b	2,700 ^b	2,800 ^b	2,800 ^b
Eastern Europe	126	176	206	130	178	169	205	204	NA
Bulgaria	32	66	68	67	74	75	74	61	76 ^b
Hungary	45	45	69	24	39	48	47	33	36
Romania	49	65	69	39	49	46	84	110	NA
Other									
Cambodia	NA	NA	NA	1,600	1,600	2,000	1,700	1,600	NA
China	59,730	109,990	125,560	139,255	143,205	161,240	168,870	178,090	NA
Cuba ^c	306	291	338	352	329	372	518	555	501
Laos	NA	800	NA	1,100	1,200	1,100	1,100	1,300	1,400
North Korea	1,100	1,400	2,100	1,500	2,400	2,500	2,600	2,700	NA
Vietnam ^d	4,212	4,500	4,500	11,700	12,500	13,780	14,800	15,600	16,000
Yugoslavia	22	32	37	42	42	42	40	36	42

^a Rough, or paddy, rice. Data refer to crops harvested in the last half of the year stated, combined with crops harvested in the first half of the following year.

^b US Department of Agriculture estimates.

^c Milled rice. Data reflect government collection only.

^d Prior to 1980, data for North Vietnam.

Table 158
Potato Production

Million metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	11.68	14.78	14.60	13.74	15.36	15.96	15.15	16.27	16.50
Austria	3.81	2.70	1.58	1.26	1.31	1.12	1.01	1.14	1.14
Canada	2.06	2.30	2.20	2.47	2.68	2.80	2.56	2.73	2.84
Japan	3.59	3.62	3.26	3.42	3.10	3.78	3.57	3.71	3.72
Spain	4.62	5.30	5.34	5.74	5.47	5.22	5.10	5.95	5.63
European Community	61.8	47.2	34.1	35.2	34.8	35.1	29.2	35.0	35.4
France	15.89	8.90	6.64	6.62	6.44	6.79	5.32	6.20	6.20
Italy	3.82	3.67	2.94	2.92	2.88	2.62	2.50	2.47	2.47
Netherlands	3.97	5.65	5.00	6.27	6.44	6.22	5.41	6.67	6.78
United Kingdom	7.27	7.82	4.79	7.10	6.21	6.88	5.86	7.40	7.54
West Germany	24.54	16.25	10.85	7.93	8.42	7.82	6.30	7.75	7.75
Other countries									
Argentina	2.07	2.34	1.35	1.57	2.25	1.82	2.01	1.99	2.00
India	2.75	3.91	6.22	8.33	9.60	9.91	9.96	12.25	12.69
Communist countries									
USSR and Eastern Europe	149	169	151	111	135	129	135	147	NA
USSR	84.37	96.78	88.70	67.02	72.14	78.18	82.91	85.52	73.00
Eastern Europe	64.3	72.4	62.0	43.7	62.6	50.9	52.1	61.2	NA
Bulgaria	0.48	0.37	0.32	0.30	0.40	0.47	0.43	0.42	NA
Czechoslovakia	5.09	4.79	3.56	2.70	3.74	3.61	3.18	3.98	3.40
East Germany	14.82	13.05	7.67	9.21	10.38	8.88	7.06	11.91	12.35
Hungary	3.00	1.81	1.27	0.94	1.11	0.97	0.79	1.05	1.00
Poland	37.90	50.30	46.43	26.39	42.56	31.95	34.47	37.44	36.50
Romania	3.01	2.06	2.72	4.13	4.45	5.01	6.21	6.40	NA
Other									
China	NA	NA	NA	139.22	124.98	133.40	146.25	151.30	NA
Cuba ^a	0.02	0.08	0.12	0.21	0.25	0.22	0.17	0.22	NA
Yugoslavia	3.27	2.96	2.39	2.58	2.77	2.64	2.59	2.80	2.40

^a Data reflect government collections only; the total production is considerably higher.

Table 159

Sugar Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	3,637	5,327	5,955 ^c	5,313 ^c	5,789 ^c	5,418 ^c	5,215 ^c	5,342 ^c	5,437 ^c
Australia ^d	1,441	2,507	2,930	3,415	3,509	3,652	3,171	3,550	3,439
European Community	7,630	8,770	10,400	13,000	16,000	14,700	11,700	13,300	13,200
France	2,267	2,580	2,981	4,253	5,576	4,825	3,875	4,305	4,305
Italy	998	1,199	1,429	1,934	2,207	1,282	1,352	1,385	1,337
United Kingdom	860	925	724	1,202	1,187	1,544	1,185	1,400	1,304
West Germany	1,877	2,100	2,571	2,994	3,702	3,586	2,725	3,147	3,310
Other countries ^d									
Brazil	3,319	5,019	6,299	8,270	8,726	8,941	9,555	9,259	8,136
India	2,814	4,634	5,048	4,528	5,991	9,126	8,452	6,635	7,016
Mexico	1,530	2,402	2,636	2,719	2,642	2,739	3,076	3,308	3,512
Philippines	1,398	1,980	2,672	2,332	2,376	2,709	2,112	2,578	1,912
South Africa	952	1,649	1,968	1,780	1,987	2,371	1,584	2,276	2,540
Communist countries									
USSR and Eastern Europe ^e	11,100	15,200	16,000	14,900	15,000	18,000	18,500	NA	NA
USSR	6,916	11,110	11,285	11,008	10,316	13,120	13,472	13,587	12,826
Eastern Europe	4,170	4,140	4,730	3,920	4,650	4,880	5,020	NA	NA
Bulgaria	186	403	343	371	440	434	476	448	NA
Czechoslovakia	958	951	913	841	671	768	769	936	NA
East Germany	739	587	793	750	891	974	920	NA	NA
Hungary ^f	381	280	308	468	490	459	477	407	483
Poland	1,484	1,509	1,857	982	1,550	1,649	1,823	1,770	1,664
Romania	425	410	516	509	609	596	556	806	582
Other									
China ^b	NA	NA	NA	2,570	3,166	3,384	3,771	3,740	6,038
Cuba ^g	5,942	8,538	6,314	6,665	7,359	8,207	7,460	7,783	7,889
Yugoslavia	243	385	571	709	791	683	772	996	989

^a Unless otherwise indicated, data are for beet sugar produced in the calendar year. Data are given in terms of the raw value of centrifugal sugar. Refined sugar is equal to approximately 92 percent of raw sugar weight. Centrifugal, as distinguished from noncentrifugal, sugar includes cane

and beet sugar produced by the centrifugal process and is the principal type of sugar moving in international trade.

^b Including cane sugar.

^c Including Puerto Rico.

^d Cane sugar only.

^e Including raw cane sugar imported for refining.

^f White sugar equivalent.

^g Raw cane sugar of 96° polarization. Data are for crop years ending 30 June of the stated year.

	1960	1970	1975	1979	1980	1981	1982	1983	1984
OECD									
United States	2,815	2,810	2,842	3,511	3,635	3,767	3,988	4,143	4,142
Canada	934	1,334	993	1,415	1,347	1,417	1,403	1,337	1,233
Iceland	593	734	995	1,645	1,515	1,442	789	839	1,533
Japan	6,207	8,825	9,895	9,946	10,428	10,676	10,775	11,250	12,027
Norway	1,543	2,906	2,484	2,658	2,409	2,552	2,501	2,822	2,413
Spain	970	1,532	1,512	1,205	1,265	1,257	1,374	1,250	1,226
European Community	3,670	4,610	4,940	4,720	5,050	5,060	5,230	5,120	5,020
Denmark	581	1,226	1,767	1,738	2,028	1,852	1,927	1,862	1,845
France	734	784	768	742	794	781	746	784	760
United Kingdom	924	1,076	954	891	834	872	903	835	820
West Germany	674	613	442	357	307	331	314	306	334
Other countries									
Chile	340	1,200	899	2,632	2,817	3,385	3,673	3,978	NA
India	1,161	1,756	2,266	2,340	2,442	2,444	2,335	2,520	NA
Indonesia	761	1,225	1,382	1,742	1,842	1,903	1,999	2,112	NA
Peru	3,727	12,535	3,446	3,715	2,735	2,740	3,484	1,487	NA
Philippines	466	1,031	1,443	1,475	1,557	1,687	1,788	1,837	NA
Thailand	221	1,444	1,553	1,946	1,793	1,989	2,120	2,250	NA
Communist countries									
USSR and Eastern Europe	3,890	8,810	11,700	10,800	11,000	10,900	11,300	12,000	12,100
USSR ^b	3,541	7,828	10,357	9,359	9,526	9,600	10,000	10,600	10,600
Eastern Europe	349	978	1,350	1,400	1,440	1,330	1,300	1,430	1,490
Bulgaria	8	84	151	136	164	144	140	151	150
Czechoslovakia	9	13	17	17	16	18	20	20	20
East Germany	114	320	330	227	244	279	270	265	300
Hungary	15	26	31	33	34	39	43	20	20
Poland	187	473	679	803	791	642	582	672	700
Romania	16	62	139	182	189	209	244	300	300
Other									
Cuba	31	106	143	154	186	165	195	199	199
Yugoslavia	31	46	57	56	58	72	67	100	100

^a Unless otherwise indicated, data are in terms of live weight

for all species of fish and seaweed, crustaceans, and mollusks, but exclude aquatic mammals.

^b Including aquatic mammals.

Table 161
Cattle Numbers ^a

Million head

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	96.24	112.37	132.03	111.19	114.35	115.44	115.00	113.70	109.75
Australia	16.50	22.16	32.79	26.20	25.17	24.55	22.48	22.16	22.74
Canada	10.39	11.63	14.01	12.12	12.17	12.09	11.66	11.36	10.98
New Zealand	5.99	8.78	9.65	8.02	8.13	8.04	7.91	7.63	7.77
Turkey ^b	14.30	14.37	14.41	16.61	16.92	16.98	16.50	16.00	15.50
European Community	69.2	73.9	80.6	78.0	78.3	77.9	78.8	79.4	78.8
France	18.74	21.72	24.33	23.55	23.60	23.49	23.66	23.52	23.10
Italy ^b	9.40	9.61	8.24	8.81	8.84	8.90	9.13	9.22	9.21
United Kingdom	11.69	12.30	14.84	13.32	13.06	12.96	13.16	13.13	12.98
West Germany	12.48	14.29	14.43	15.05	15.07	15.00	15.10	15.55	15.69
Other countries									
Argentina	43.52	52.26	58.70	58.94	58.81	57.95	58.00	58.60	58.81
Brazil ^b	72.89	78.45	91.00	91.00	93.00	93.00	93.00	93.30	94.70
Colombia	15.00	20.20	23.22	24.23	24.40	24.23	24.00	22.44	21.94
Ethiopia	22.45	26.23	25.88	26.00	26.10	26.20	26.30	26.00	26.50
Mexico	17.41	24.88	28.40	33.00	34.00	34.70	33.87	33.92	33.85
South Africa	12.30	10.13	12.33	13.58	13.20	13.10	12.52	12.12	12.00
Communist countries									
USSR and Eastern Europe	99.4	124	142	148	147	148	149	152	154
USSR	74.23	95.16	109.12	115.10	115.06	115.90	117.20	119.60	121.06
Eastern Europe	25.2	28.5	32.5	32.9	32.3	32.4	31.8	32.5	32.6
Bulgaria	1.28	1.26	1.55	1.79	1.80	1.81	1.78	1.75	1.78
Czechoslovakia	4.30	4.22	4.57	4.92	5.00	5.10	5.13	5.19	5.15
East Germany	4.46	5.19	5.58	5.60	5.72	5.75	5.69	5.77	5.85
Hungary	2.00	1.93	2.02	1.95	1.92	1.95	1.92	1.91	1.90
Poland	8.70	10.84	12.82	12.16	11.34	11.47	11.02	11.09	10.91
Romania	4.45	5.04	5.98	6.51	6.49	6.30	6.25	6.75	7.04
Other									
China ^c	73.36	94.36	96.86	95.25	97.64	101.13	103.50	108.30	113.82
Yugoslavia	5.30	5.03	5.81	5.44	5.47	5.35	5.35	5.34	5.20

^a Unless otherwise indicated, data are as of the beginning of the year.

^b Including buffalo.

^c Cattle, buffalo, oxen, horses, and camels.

Table 162
Hog Numbers ^a

Million head

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	59.03	57.05	54.69	67.35	64.46	58.70	54.53	56.69	54.07
Canada	6.05	6.56	5.90	9.69	10.19	10.04	10.07	10.74	11.03
Japan	1.92	6.34	7.68	10.00	10.06	10.04	10.27	10.42	10.72
Spain	6.03	6.92	7.86	11.26	10.98	10.70	11.68	12.12	11.46
European Community	45.6	65.8	70.4	77.1	78.1	78.5	79.1	79.2	79.7
Denmark	6.20	8.35	8.05	9.53	9.70	9.78	9.50	9.02	8.96
France	8.36	10.46	12.03	11.44	11.66	11.80	11.71	11.25	11.00
Italy	4.15	9.22	8.81	8.81	8.93	9.02	9.13	9.19	9.04
Netherlands	2.82	5.47	7.14	9.75	10.09	10.19	10.59	11.01	11.80
United Kingdom	6.01	8.13	8.84	7.79	7.77	7.91	8.21	7.78	7.79
West Germany	14.87	19.32	20.23	22.37	22.55	22.31	22.48	23.45	23.62
Other countries									
Brazil	46.82	35.60	35.20	36.50	35.00	33.50	33.50	30.00	30.00
Mexico	6.08	10.30	11.70	16.89	16.48	17.15	16.46	13.14	12.32
Philippines	6.57	6.46	6.60	7.93	7.56	7.59	7.98	7.61	8.30
Communist countries									
USSR and Eastern Europe	92.7	97.9	132	138	137	137	139	143	143
USSR	53.44	56.06	72.27	73.90	73.38	73.30	76.70	78.70	77.91
Eastern Europe	39.2	41.9	60.2	63.8	63.2	63.8	62.2	63.9	64.9
Bulgaria	2.27	1.97	3.42	3.83	3.81	3.84	3.77	3.73	3.73
Czechoslovakia	5.69	5.53	6.72	7.59	7.89	7.30	7.13	7.07	6.74
East Germany ^b	8.28	9.24	11.52	12.13	12.87	12.87	12.11	13.06	13.19
Hungary	6.07	5.70	8.29	8.37	8.33	8.30	9.04	9.84	9.24
Poland	12.62	13.45	21.71	20.98	18.73	19.08	17.56	15.85	17.21
Romania	4.30	5.97	8.57	10.89	11.54	12.46	12.64	14.35	14.78
Other									
China	120.04	172.51	260.78	319.71	305.43	293.70	300.78	306.09	331.48
Cuba ^c	NA	0.26	0.60	0.72	0.79	0.80	NA	NA	NA
Yugoslavia	6.21	5.54	7.68	7.50	7.87	8.43	8.37	9.33	8.68

^a Unless otherwise indicated, data are as of the beginning of the year.

^b As of 30 November of the previous year.

Table 163
Meat Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983 ^b	1984 ^b	1985 ^b
OECD									
United States	12,808	22,548	22,986	24,216	24,621	23,944	25,007	25,295	25,686
Australia	1,360	2,166	2,469	2,769	2,707	2,734	2,626	2,346	2,337
Canada	1,100	2,053	2,156	2,445	2,433	2,499	2,429	2,433	2,463
Japan	318 ^c	1,398	2,072	3,002	2,987	3,106	3,194	3,309	3,485
Spain	554 ^c	1,255	1,853	2,312	2,457	2,523	2,495	2,497	2,500
European Community	10,300	16,400	18,600	22,000	22,100	22,000	22,500	23,100	23,200
France	2,646 ^c	3,814	4,357	5,011	5,208	5,111	5,069	5,249	5,132
Italy	1,011 ^c	2,054	2,360	2,965	2,994	3,013	3,432	3,534	3,520
United Kingdom	1,719	2,604	2,852	3,073	3,010	3,028	3,134	3,196	3,223
West Germany	2,694 ^c	3,749	3,956	5,114	5,014	4,944	5,091	5,189	5,170
Other countries									
Argentina	2,277 ^c	3,188	3,103	3,640	3,773	3,420	3,148	3,376	3,526
Brazil	1,767 ^c	3,015	3,569	4,472	4,648	5,055	5,047	4,539	4,798
Communist countries									
USSR and Eastern Europe ^d	13,900	19,300	24,600	25,700	25,400	25,300	26,500	27,500	NA
USSR	8,682	12,278	14,968	15,073	15,240	15,362	16,449	16,985	17,100
Eastern Europe	5,260	7,000	9,660	10,700	10,200	9,930	10,000	10,500	NA
Bulgaria	307	476	657	781	794	807	837	849	NA
Czechoslovakia	802	1,098	1,349	1,499	1,526	1,413	1,487	1,550	1,500
East Germany	1,021	1,348	1,837	1,899	1,997	1,835	1,873	1,920	2,091
Hungary	816	1,040	1,422	1,566	1,577	1,691	1,789	1,824	NA
Poland	1,751	2,182	3,062	3,148	2,526	2,580	2,407	2,435	2,737
Romania	561	857	1,328	1,769	1,786	1,602	1,630	1,902	2,100
Other									
China ^e	NA	5,965	7,970	12,054	12,609	13,508	14,021	15,250	17,550
Cuba ^f	NA	112	105	149	170	185	149	177	NA
Yugoslavia ^d	824	1,059	1,329	1,519	1,551	1,573	1,565	1,678	NA

^a Data are on a carcass weight, bone-in basis, and are for beef, veal, buffalo, pork, mutton, lamb, goat, and poultry where they are produced. Unless otherwise indicated, data exclude horsemeat, rabbit, game, edible offal, and lard.

^b Non-Communist country data include meat from animals imported for slaughter.

^c Including horsemeat.

^d Data are on a slaughter weight, bone-in basis, and include horsemeat, rabbit, game, edible offal, and slaughter fats in addition to the meats listed in footnote a above. Slaughter weight is roughly 3 percent less than carcass weight because it excludes kidney and leaf fat. As a result of this broader coverage, the meat production data for the USSR and Eastern Europe are above the level attained if the coverage was limited to that shown for other countries.

^e Data are for pork, beef, and mutton.

^f Data are for deboned beef, pig bellies, and fresh poultry for state production only.

Table 164
Milk Production ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	53,702	53,268	52,314	58,298	60,223	61,464	63,354	61,436	64,973
Australia	6,355	7,712	6,677	5,562	5,324	5,415	5,676	6,087	6,217
Canada	8,385	8,272	7,751	7,855	8,005	8,258	8,019	8,182	8,200
Japan	1,887	4,760	4,963	6,505	6,620	6,750	7,036	7,138	7,350
New Zealand	5,318	5,907	6,142	6,833	6,677	6,775	6,879	7,687	7,766
European Community	83,900	91,700	98,600	104,000	105,000	108,000	112,000	109,000	106,000
Denmark	5,399	4,630	4,918	5,117	5,037	5,217	5,427	5,234	5,090
France	22,652	27,245	29,686	26,859	26,795	27,358	27,905	27,595	27,043
Italy	9,648	8,936	9,385	10,749	10,637	10,800	10,580	10,176	10,100
Netherlands	6,838	8,239	10,221	11,785	12,147	12,708	13,231	12,782	12,325
United Kingdom	12,670	12,374	13,934	15,958	15,857	16,745	17,300	16,550	15,900
West Germany	19,250	21,856	21,604	24,778	24,858	25,465	26,913	26,000	25,000
Other countries									
Argentina	4,530	4,196	5,650	5,301	5,274	5,652	5,300	5,200	5,600
Brazil	5,045	7,722	9,970	10,265	10,500	10,100	10,700	10,800	10,400
India	NA	7,630	9,750	13,500	14,000	14,900	16,000	17,100	18,500
Mexico	2,473	3,053	4,980	6,742	9,706	9,783	9,573	7,410	6,920
Spain	NA	4,456	5,138	5,871	5,881	5,947	6,070	6,240	6,400
Communist countries									
USSR and Eastern Europe	89,500	117,000	128,000	131,000	128,000	129,000	137,000	140,000	NA
USSR ^b	61,718	83,016	90,804	90,899	88,874	91,044	96,473	97,906	98,200
Eastern Europe	27,800	33,700	37,600	40,600	39,100	38,300	40,900	41,800	NA
Bulgaria	745	1,252	1,436	1,830	1,890	1,984	2,062	2,103	1,873
Czechoslovakia	3,830	4,795	5,463	5,909	5,929	5,929	6,557	7,140	6,900
East Germany ^c	5,730	7,091	8,095	8,321	8,202	7,678	8,203	8,729	8,995
Hungary	1,619	1,682	1,822	2,537	2,717	2,760	2,826	2,716	2,644
Poland	12,501	14,950	16,377	16,499	15,292	15,191	15,990	15,750	15,626
Romania ^d	3,343	3,912	4,381	5,480	5,049	4,758	5,242	5,408	NA
Other									
Cuba ^e	NA	475	611	702	712	695	921	1,096	910
Yugoslavia	2,283	2,567	3,654	4,342	4,349	4,450	4,550	4,570	4,600

^a Whole milk from cows, unless otherwise indicated.

^b Including milk from sheep, goats, camels, and mares.

^c In terms of 3.5 percent butterfat content.

^d Including milk from buffaloes.

^e State production of pasteurized and raw milk.

Table 165

Soybean Production

Thousand Metric Tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Developed Countries									
United States	15,113	30,675	42,079	48,772	54,432	59,611	44,519	50,645	57,944
Canada	154	283	367	713	607	848	735	944	1,060
Japan	418	126	126	174	212	226	217	238	228
European Community									
Italy	NA	NA	1	NA	1	9	59	104	230
Other Countries									
Argentina	1	27	485	3,500	3,770	4,150	4,000	7,000	6,500
Brazil	246	1,509	9,892	15,156	14,978	12,836	14,582	15,536	18,300
India	NA	NA	120	450	500	491	583	934	1,150
Indonesia	437	498	563	653	687	521	568	743	825
Mexico	NA	280	699	312	712	648	686	709	650
Paraguay	NA	30	216	540	630	830	740	660	750
South Korea	130	232	311	216	257	257	233	226	254
Thailand	26	70	114	100	132	113	172	240	246
Communist Countries									
USSR and Eastern Europe									
USSR	168	603	780	525	450	480	560	500	500
Eastern Europe									
Bulgaria	2	8	80	107	105	116	82	77	85
Romania	12	91	213	448	268	301	259	407	300
Other									
China	10,160	11,645	12,062	7,966	9,341	9,042	9,769	9,710	9,210
North Korea	NA	228	290	340	350	360	380	400	425
Vietnam	3	26	30	32	64	100	107	110	120
Yugoslavia	26	5	30	34	92	198	210	228	174

Table 166
Coffee Production ^a
Thousand Metric Tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Brazil	1,797	755	1,228	1,061	2,038	958	1,665	1,339	1,655
Cameroon	38	81	87	102	90	127	68	130	116
Colombia	456	570	540	724	808	861	816	780	750
Costa Rica	70	75	79	109	120	115	130	152	125
Dominican Republic	35	42	55	60	52	63	68	72	75
Ecuador	33	78	76	69	86	84	81	90	93
El Salvador	93	129	193	165	161	146	155	166	180
Ethiopia	51	205	174	187	202	202	220	240	250
Guatemala	84	133	129	163	173	159	153	140	156
Honduras	24	34	50	76	74	72	74	73	84
India	67	64	93	150	119	152	130	105	190
Indonesia	92	178	162	295	315	265	236	276	327
Ivory Coast	185	240	270	250	333	248	271	85	300
Kenya	34	59	66	91	91	87	87	111	112
Madagascar	51	67	88	85	85	81	81	81	81
Mexico	123	184	214	208	217	231	313	262	258
Peru	33	65	59	95	95	90	91	92	88
Philippines	32	49	62	145	160	171	139	145	150
Uganda	119	221	213	110	145	167	172	204	210
Zaire	NA	81	64	88	75	84	83	81	90

^a Green coffee

Table 167
Wool Production ^a

Thousand metric tons

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	146.20	85.02	54.22	47.79	49.75	47.61	45.00	43.00	39.00
Australia	737.20	923.40	793.48	708.51	701.15	717.21	702.00	732.00	794.00
New Zealand	266.50	333.80	294.10	357.00	380.70	363.00	371.00	364.00	375.00
Turkey	43.50	47.15	52.32	61.28	62.31	62.08	62.00	51.00	62.00
Spain	35.10	33.81	22.15	21.29	20.99	22.88	24.00	25.00	25.00
European Community	127	101	102	110	109	111	115	120	122
France	29.53	20.35	15.70	22.20	22.20	22.20	23.00	24.00	24.00
United Kingdom	54.98	46.30	49.30	51.80	50.10	49.80	52.00	56.00	58.00
Other countries									
Afghanistan	NA	27.00	25.00	23.00	23.00	23.00	24.00	24.00	24.00
Argentina	221.10	170.00	160.00	152.16	150.16	151.94	155.00	153.00	160.00
Brazil	24.10	31.71	29.10	32.25	32.64	30.00	31.00	30.00	30.00
Chile	23.90	25.50	18.80	20.60	21.40	22.00	21.00	21.00	22.00
India	34.11	36.00	31.00	35.00	36.00	37.00	38.00	38.00	39.00
Pakistan	14.70	19.50	28.33	42.60	38.90	40.70	43.00	45.00	48.00
South Africa ^b	143.80	145.60	108.20	102.90	100.80	110.00	114.00	109.00	105.00
Uruguay	82.50	79.65	60.77	67.28	74.60	78.38	82.00	82.00	71.00 ^c
Communist countries									
USSR and Eastern Europe	427	507	546	556	571	568	580	585	NA
USSR ^c	356.80	418.90	449.60	443.00	459.60	452.10	462.00	465.00	442.00
Eastern Europe	70.5	88.1	96.7	113	111	116	118	120	NA
Bulgaria	21.04	28.81	34.01	35.09	34.96	34.89	35.94	36.16	36.00
Czechoslovakia ^d	2.50	3.99	3.60	4.20	4.48	4.50	5.00	5.00	6.00
East Germany	7.90	6.90	9.70	11.90	12.40	12.60	12.10	14.00	NA
Hungary	8.20	9.78	8.39	12.14	12.16	12.76	12.72	12.00	12.20
Poland	9.04	8.94	9.45	12.73	11.22	12.50	12.62	11.00	NA
Romania	21.85	29.72	31.53	37.38	35.96	38.60	39.35	42.30	NA
Other									
Yugoslavia	13.55	11.95	10.66	10.07	10.12	9.74	9.52	10.00	10.00

^aRaw wool (grease basis) from sheep, which includes both shorn and pulled wool together with the wool element of "wooled sheepskins."

^bIncluding data for Lesotho and Namibia.

^cPhysical weight.

^dPurchases.

Table 168
Ginned Cotton Production

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	3,107	2,219	1,808	2,422	3,405	2,605	1,692	2,826	2,947
Australia	NA	19	25	99	135	101	141	248	225
Greece	63	110	130	117	120	100	128	147	174
Turkey	169	400	480	499	489	488	522	586	519
Other countries									
Argentina	124	85	140	84	152	111	180	171	140
Brazil	425	594	390	615	640	650	556	952	605
Colombia	70	117	121	116	88	33	77	134	106
Egypt	478	509	382	529	499	460	400	399	432
Guatemala	21	57	102	125	82	46	61	68	41
India	1,008	954	1,160	1,326	1,409	1,376	1,280	1,725	1,615
Iran	99	154	139	63	74	93	89	106	94
Mexico	457	312	197	353	314	183	226	272	207
Nicaragua	33	78	109	77	65	79	72	72	49
Pakistan	304	542	514	715	749	822	468	1,008	1,197
Sudan	114	245	108	96	154	199	218	196	185
Syria	111	150	158	118	130	158	193	153	158
Communist countries									
USSR and Eastern Europe	1,480	2,360	2,540	2,960	2,880	2,680	2,620	NA	NA
USSR	1,458	2,343	2,524	2,959	2,881	2,673	2,610	2,584	2,670
Eastern Europe ^a	23	15	14	5	4	5	6	NA	NA
Bulgaria	23	15	13	5	4	5	6	NA	NA
Romania	NA	NA	1	NEGL	NEGL	NEGL	NEGL	NA	NA
Other									
China	1,063	2,277	2,381	2,707	2,968	3,598	4,637	6,077	4,150
Yugoslavia ^a	2	4	2	NEGL	NEGL	1	1	1	1

^a Data are for the crop year beginning 1 August of the stated year.

Table 169

Chemical Fertilizer Consumption, Nutrient Content ^bKilograms per hectare of arable land ^a

	1960	1970	1975	1980	1981	1982	1983	1984
OECD								
United States	38.9	80.9	90.0	112.7	102.0	86.7	104.5	103.4
Australia	21.2	22.2	15.9	27.8	26.5	23.7	24.2	26.4
Canada	8.6	18.5	29.8	42.2	42.1	43.7	48.7	54.3
Japan	NA	372.6	319.3	372.1	387.2	412.1	437.0	438.0
Spain	31.6	59.3	69.3	81.1	67.2	72.5	71.0	78.7
Turkey	1.5	15.7	29.8	51.1	45.5	53.5	58.1	59.4
European Community								
Belgium-Luxembourg	NA	564.8	540.4	533.9	498.2	520.6	546.7	501.9
Denmark	151.1	223.4	239.4	236.4	233.0	246.2	263.9	251.4
France	102.4	243.5	246.7	300.8	299.0	299.3	311.6	308.6
Ireland	124.8	365.0	410.7	618.2	609.4	643.8	697.3	696.3
Italy	51.5	89.6	121.0	169.8	165.5	161.4	168.9	166.9
Netherlands	456.1	749.3	750.7	788.8	772.7	738.1	788.8	769.1
United Kingdom	183.3	259.9	262.9	293.6	328.8	364.7	374.6	370.7
West Germany	266.2	399.6	385.5	471.2	418.4	435.0	421.1	425.8
Other countries								
Brazil	NA	28.3	52.3	59.1	37.6	36.5	30.7	46.1
India	2.3	13.2	16.5	30.9	34.0	34.6	39.4	47.7
Egypt	NA	113.2	175.1	271.4	286.8	334.6	360.5	367.9
Argentina	NA	2.6	1.6	3.3	2.7	3.1	3.5	4.2
South Africa	NA	38.6	52.1	77.9	90.5	83.1	64.9	71.2
Israel	NA	140.1	170.7	191.9	180.4	178.3	183.1	199.7

Table 169 (continued)

Chemical Fertilizer Consumption, Nutrient Content ^bKilograms per hectare of arable land ^a

	1960	1970	1975	1980	1981	1982	1983	1984
Communist countries								
USSR and Eastern Europe								
USSR ^{c d}	11.2	44.3	74.3	80.9	82.6	86.7	98.7	99.1
Eastern Europe								
Bulgaria	33.8	141.1	156.5	198.4	250.6	250.1	243.7	238.9
Czechoslovakia ^e	91.4	240.4	314.7	334.7	332.7	336.9	343.5	338.3
East Germany	197.4	310.7	361.5	325.2	344.1	281.5	290.1	305.3
Hungary	29.5	149.7	276.3	262.4	279.3	288.5	299.8	289.7
Poland	49.0	167.8	242.4	234.8	225.2	213.4	231.4	223.3
Romania	8.1	56.5	114.0	116.5	154.0	159.1	157.7	148.1
Other								
Albania	NA	78.8	100.6	122.3	115.3	155.0	144.6	136.9
China ^e	4.6	27.5	44.7	150.7	150.2	157.5	180.6	194.5
North Korea	NA	165.0	NA	325.5	348.6	338.3	345.2	NA
Yugoslavia	27.9	77.0	89.6	104.5	128.4	119.9	117.8	124.8

^a Including land under temporary crops, gardens, fallow or idle land, and permanent crops such as orchards and vineyards, unless otherwise indicated.

^b Data are "fertilizer years"—in general, the year beginning 1 July.

^c Including phosphate rock; excluding livestock phosphates.

Data indicate the quantity supplied to agriculture.

^d Arable land is total area less pasture and hayland.

^e Sown area is used because of extensive multiple cropping.

Table 170

Nitrogen Fertilizer Consumption, Nutrient Content ^a

Thousand metric tons of N

	1960	1970	1975	1980	1981	1982	1983	1984
OECD								
United States	2,749	7,379	9,445	10,817	9,964	8,280	10,111	10,436
Canada	91	292	556	914	966	1,002	1,152	1,297
Japan	753	872	653	614	643	683	702	697
Spain	275	578	722	902	818	799	808	908
Turkey	25	243	482	807	799	863	892	960
European Community	2,520	5,140	6,110	7,600	7,590	7,910	8,140	8,220
France	565	1,453	1,708	2,146	2,193	2,196	2,320	2,337
Italy	323	594	724	1,006	988	968	996	1,015
United Kingdom	463	801	1,045	1,240	1,386	1,560	1,601	1,580
West Germany	618	1,131	1,228	1,551	1,323	1,465	1,378	1,452
Other countries								
India	296	1,487	1,909	3,522	3,882	4,043	4,637	5,360
Mexico	155	438	732	904	1,112	1,255	1,010	1,167
Pakistan	NA	252	444	844	833	953	914	936
Communist countries								
USSR and Eastern Europe ^b	1,600	7,520	11,400	12,700	12,900	13,600	15,000	14,800
USSR	769	4,605	7,339	8,262	8,383	9,038	10,292	10,279
Eastern Europe	832	2,920	4,060	4,400	4,540	4,560	4,750	4,480
Bulgaria	101	379	380	450	518	536	550	479
Czechoslovakia	143	413	532	675	615	646	682	692
East Germany	235	511	678	752	750	607	694	697
Hungary	75	391	536	537	563	647	625	626
Poland	251	785	1,143	1,344	1,213	1,245	1,322	1,239
Romania	27	438	788	646	882	884	878	750
Other								
Albania	5	27	36	68	72	73	73	70
China	614	3,923	6,116	12,112	11,528	12,211	13,679	14,800
North Korea	NA	270	414	550	564	564	583	NA
Yugoslavia	109	294	360	417	477	463	443	550

^a Data are "fertilizer years"—in general, the year beginning 1 July. ^b Data indicate the quantity supplied to agriculture.

Table 171
Phosphate Fertilizer Consumption, Nutrient Content ^a

	1960	1970	1975	1980	1981	1982	1983	1984
OECD								
United States	2,488	4,358	4,742	4,930	4,367	3,754	4,472	4,210
Australia	572	743	490	853	754	730	728	790
Canada	169	326	503	634	636	652	713	767
Japan	491	656	623	690	701	721	766	777
New Zealand	225	321	386	338	326	330	375	350
Spain	279	432	422	476	340	422	398	424
Turkey	12	176	389	619	489	565	618	580
European Community	2,800	4,470	3,950	4,360	4,170	4,090	4,210	4,070
France	877	1,809	1,664	1,773	1,677	1,631	1,679	1,600
Italy	379	518	490	748	706	657	682	650
United Kingdom	426	543	391	404	445	464	474	469
West Germany	652	913	780	837	753	740	745	732
Other countries								
Brazil	77	377	1,014	1,988	1,318	1,210	1,000	1,559
India	56	462	374	1,091	1,172	1,201	1,362	1,813
Communist countries								
USSR and Eastern Europe	1,800	5,150	7,530	8,520	8,920	9,020	9,510	9,720
USSR ^{b c}	1,088	3,133	4,728	5,590	5,879	6,115	6,454	6,625
Eastern Europe ^c	716	2,020	2,800	2,930	3,040	2,910	3,050	3,090
Bulgaria	50	235	250	291	409	361	345	380
Czechoslovakia	150	325	456	495	494	479	529	524
East Germany	218	410	441	389	374	304	333	330
Hungary	66	217	429	390	398	392	410	431
Poland	180	595	887	885	817	826	900	885
Romania	52	235	338	476	551	545	537	540
Other								
Albania	2	18	25	17	6	29	25	18
China ^b	99	330	693	2,744	2,931	3,209	3,729	3,625
North Korea	NA	50	161	127	130	129	130	NA
Yugoslavia	71	182	197	209	268	235	241	275

^a Data are "fertilizer years"—in general, the year beginning 1 July.
^b Data are for soluble phosphate fertilizers and for ground phosphate rock used for direct application.
^c Data indicate the quantity supplied to agriculture.

Table 172

Potassium Fertilizer Consumption, Nutrient Content ^aThousand metric tons of K₂O

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States	1,967	2,922	3,839	4,726	5,733	5,108	4,383	5,269	4,999
Japan	600	613	610	525	512	535	581	632	631
Spain	95	92	206	258	284	219	264	250	281
European Community	2,860	3,350	4,010	3,670	4,230	4,170	4,290	4,450	4,260
France	750	970	1,389	1,314	1,689	1,700	1,744	1,834	1,840
Italy	104	168	225	276	357	363	379	386	375
United Kingdom	450	436	535	384	410	470	521	542	541
West Germany	1,006	1,190	1,185	1,099	1,144	1,055	1,042	1,014	988
Other countries									
Brazil	107	100	306	558	1,307	767	876	727	1,076
India	28	90	228	227	618	670	622	627	846
Communist countries									
USSR and Eastern Europe	1,830	3,310	5,000	8,660	7,890	8,260	8,080	9,310	9,200
USSR ^b	766	1,891	2,574	5,176	4,904	4,905	4,991	6,200	6,167
Eastern Europe	1,060	1,420	2,420	3,480	2,990	3,350	3,090	3,110	3,040
Bulgaria	6	10	25	50	89	117	141	114	130
Czechoslovakia	217	363	489	670	560	611	617	565	533
East Germany	497	586	614	707	496	602	496	424	500
Hungary	27	53	229	553	472	524	490	551	467
Poland	313	396	1,036	1,431	1,270	1,315	1,111	1,202	1,157
Romania	3	12	28	71	101	185	237	250	250
Other									
Albania	1	1	2	2	4	3	8	5	1
China	0	5	12	112	478	693	616	810	770
Yugoslavia	103	138	156	163	198	265	242	236	270

^a Data are "fertilizer years"—in general, the year beginning 1 July.^b Data indicate the quantity supplied to agriculture.

Table 173
Grain Yields

	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
Developed countries										
United States	2,467	3,043	3,157	3,461	3,774	4,278	4,374	3,542	4,378	4,726
Australia	1,299	974	1,219	1,414	1,052	1,399	875	1,634	1,613	1,413
Canada	1,495	1,730	2,106	2,051	2,167	2,348	2,486	2,214	2,035	2,074
Japan	4,115	4,398	5,123	5,932	4,841	5,207	5,308	5,300	5,957	5,804
South Africa	1,011	916	1,132	1,473	1,557	2,388	1,493	956	1,094	1,408
European Community										
France	2,524	3,107	3,380	3,694	4,852	4,374	5,009	4,951	5,973	5,626
Italy	1,828	2,399	2,755	3,347	3,521	3,687	3,585	3,527	3,936	3,746
United Kingdom	3,132	3,751	3,569	3,812	4,944	4,928	5,438	5,376	6,544	5,697
West Germany	3,189	2,820	3,337	4,016	4,429	4,450	4,858	4,562	5,303	5,279
Other countries										
Argentina	1,336	1,403	1,775	1,956	1,871	2,336	2,440	2,305	2,581	2,630
Bangladesh	a	1,674	1,673	1,832	2,006	1,940	1,996	2,059	2,239	1,983
Brazil	1,340	1,428	1,409	1,380	1,576	1,613	1,545	1,613	1,661	1,786
Burma	1,563	1,573	1,605	1,700	2,586	2,773	2,955	2,911	2,943	2,956
Egypt	NA	3,776	3,912	3,978	4,135	4,100	4,204	4,450	4,457	4,857
India	934	865	1,135	1,261	1,350	1,399	1,346	1,567	1,561	1,615
Indonesia	1,542	1,560	1,989	2,306	2,865	3,020	3,330	3,326	3,408	3,512
Mexico	1,020	1,295	1,518	1,670	2,157	2,258	2,357	2,174	1,916	2,026
Pakistan	1,247 ^a	887	1,230	1,391	1,610	1,670	1,637	1,675	1,561	1,617
Philippines	937	1,045	1,334	1,321	1,583	1,678	1,697	1,689	1,729	1,743
Thailand	1,398	1,785	2,038	1,894	1,931	1,983	1,923	2,088	2,052	2,116
Zimbabwe	NA	1,344	1,232	1,836	1,166	1,635	1,148	623	923	1,749
Communist countries										
USSR and Eastern Europe										
USSR	1,117	944	1,569	1,103	1,499	1,288	1,459	1,629	1,439	1,605
Eastern Europe										
Hungary	1,997	2,323	2,544	3,896	4,808	4,625	5,178	4,734	5,429	5,189
Poland	1,613	1,900	1,946	2,487	2,337	2,494	2,615	2,726	2,990	2,903
Romania	1,389	1,862	1,802	2,445	3,123	3,076	3,709	3,240	3,936	3,448
Other										
China	2,698	1,615	1,769	2,074	2,947	3,092	3,466	3,727	3,941	3,875
Vietnam	NA	1,954 ^b	2,095 ^b	2,213	2,085	2,166	2,394	2,535	2,649	2,536
Yugoslavia	1,962	2,060	2,374	3,184	3,633	3,578	4,018	3,938	4,218	3,778

^a Bangladesh was a part of Pakistan.

^b Including North Vietnam and South Vietnam.

Transportation

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Table 174

Railroad Freight ^a

Billion metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	868.5	1,141.0	1,122.7	1,350.0	1,340.0	1,172.0	1,216.8	1,353.7	1,286.0
Canada	95.5	158.0	197.2	228.1	231.4	203.7	219.8	244.7	230.4
Japan	53.4	63.4	47.1	39.3	34.8	31.3	29.1	23.2	21.3
European Community	168	202	168	186	175	165	162	165	NA
France	56.9	70.4	64.0	69.5	64.4	61.2	59.4	60.1	58.4
Italy ^c	15.9	18.0	14.9	18.4	17.1	16.9	16.8	17.9	17.4
United Kingdom ^d	30.5	26.8	20.9	17.6	17.5	15.9	17.1	12.5	NA
West Germany	52.3	71.3	55.1	65.3	62.0	57.3	55.9	59.8	62.8
Other countries									
India ^e ^f	87.8	127.4	148.2	157.1	171.3	174.4	175.8	172.5	187.1
South Africa ^e ^g	30.8	57.2	61.9	96.5	101.3	82.0	NA	NA	NA
Communist countries									
USSR and Eastern Europe	1,690	2,770	3,580	3,810	3,850	3,810	3,950	4,010	NA
USSR	1,504.3	2,494.7	3,236.5	3,439.9	3,503.2	3,464.5	3,600.1	3,638.8	3,718.8
Eastern Europe	183	278	347	375	350	345	355	370	NA
Bulgaria	7.0	13.9	17.3	17.7	18.1	18.3	18.1	18.1	18.1
Czechoslovakia	43.9	55.9	62.7	66.2	66.5	66.1	68.3	74.0	NA
East Germany	32.9	41.5	49.7	56.4	55.8	54.0	54.9	56.7	58.8
Hungary	13.3	19.8	23.5	24.4	24.3	23.3	23.1	22.8	22.3
Poland	66.5	99.3	129.2	134.7	109.8	112.7	118.1	123.5	120.6
Romania	19.8	48.0	64.8	75.5	75.3	71.1	72.3	75.2	NA
Other									
China	276.7	349.6	425.6	571.7	571.2	612.0	664.6	724.8	812.5
North Korea	9.1	14.3	24.3	33.5	37.4	40.3	39.6	40.7	NA

^a Excluding urban systems: plantation, forest, mine, industrial plant, underground, funicular, and cable railroads; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign

trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States include express and mail and are specifically for revenue and nonrevenue freight traffic for a more realistic comparison with Soviet methods of reporting.

^b Including secondary or private railroads operating as common carriers.

^c Excluding livestock.

^d Excluding data for Northern Ireland.

^e Including mail and passenger baggage. Data are for the year beginning 1 April of the stated year.

^f Including service traffic.

^g Including Namibia.

Table 175
Railroad Freight ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	1,180.5	1,426.3	1,368.5	1,645.0	1,630.0	1,426.0	1,481.0	1,647.0	1,565.0
Canada ^b	161.2	211.2	252.4	278.0	282.0	248.0	268.0	298.0	281.0
European Community									
France	227.0	260.0	228.0	229.0	212.0	202.0	195.0	198.0	192.0
United Kingdom ^c	253.1	209.0	176.0	150.0	149.0	135.0	146.0	109.0	NA
West Germany ^{b, d}	429.2	392.6	328.7	367.0	349.0	322.0	314.0	336.0	353.0
Communist countries									
USSR and Eastern Europe	2,820	4,140	5,080	5,290	5,250	5,220	5,370	5,470	NA
USSR	1,884.9	2,896.0	3,621.1	3,728.0	3,762.0	3,725.0	3,850.6	3,909.5	3,958.0
Eastern Europe	931	1,240	1,460	1,560	1,490	1,490	1,520	1,560	NA
Bulgaria	38.4	68.2	78.8	77.8	81.5	83.9	82.6	83.4	82.9
Czechoslovakia	194.1	236.9	271.4	286.0	286.6	288.9	292.1	299.0	292.5
East Germany	237.8	262.9	289.0	311.6	315.2	322.5	325.6	337.4	349.0
Hungary ^e	96.0	117.4	131.7	129.8	131.0	127.0	123.8	121.9	117.0
Poland	286.9	382.3	464.2	482.1	401.5	402.1	414.5	425.5	419.4
Romania	77.5	171.3	228.3	274.6	273.9	270.5	280.0	289.3	NA
Other									
China	NA	681.3	889.6	1,112.8	1,076.7	1,135.3	1,187.8	1,240.7	1,295.0
Cuba	NA	11.7	10.9	14.1	16.5	18.2	NA	NA	NA
North Korea	38.5	68.0	106.4	152.3	170.0	183.2	180.0	185.0	NA

^a Excluding urban systems; plantation, forest, mine, industrial plant, underground, funicular, and cable railroads; and short lines of little importance. Unless otherwise indicated, data are for the state or principal railroad system and include all goods and livestock carried during the calendar year and exclude service traffic, mail, and nonrevenue

government stores. Freight traffic carried on more than one railroad line within a country is counted only once. Foreign trade freight traffic carried through more than one country, however, is counted in each country. Data for the United States are in tons originated, thus giving a more realistic comparison with European methods of reporting.

^b Including secondary or private railroads operating as common carriers.
^c Including data for Northern Ireland.
^d Including service traffic.
^e Including performance of railroads owned jointly by Hungary and Austria within Hungary.

Table 176

Motor Vehicle Freight

Billion metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	323.85	675.85	744.75	910.43	864.50	853.01	943.24	992.45	992.45
Japan	20.80	135.92	129.70	178.90	181.31	187.72	193.53	200.81	200.76
Communist countries ^b									
USSR and Eastern Europe	117	278	433	557	579	596	594	583	NA
USSR	98.52	220.83	337.93	432.10	459.90	485.30	485.80	475.10	477.30
Eastern Europe	18.8	57.0	94.7	125	119	111	109	108	NA
Bulgaria	2.04	7.90	12.39	15.89	17.11	16.73	16.94	17.10	NA
Czechoslovakia	5.11	10.09	15.02	20.57	21.72	20.96	20.64	20.91	NA
East Germany	5.00	12.23	16.69	21.02	19.92	16.24	15.38	14.49	14.00
Hungary	NA	5.82	8.73	11.40	11.76	11.88	11.95	11.95	NA
Poland	5.69	15.76	32.60	44.55	36.85	34.02	35.47	36.58	NA
Romania	0.94	5.16	9.29	11.76	11.79	11.15	8.26	7.30	NA
Other									
China	13.20	13.80	20.30	76.40 ^c	78.00 ^c	94.90 ^c	108.40 ^c	153.60 ^c	178.20 ^c

^a Total traffic for all urban streets and rural roads.^c Including freight carried in vehicles by all sectors.^b Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

Table 177
Motor Vehicle Freight ^a

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Communist countries									
USSR and Eastern Europe	9,920	17,800	25,900	30,200	30,500	31,900	31,700	29,800	NA
USSR	8,493	14,623	20,914	24,149	25,016	26,500	26,400	25,600	25,500
Eastern Europe	1,430	3,170	4,970	6,000	5,520	5,360	5,300	4,220	NA
Bulgaria	128	493	724	816	837	880	907	914	NA
Czechoslovakia	428	703	997	1,252	1,364	1,433	1,376	350	NA
East Germany	270	464	588	730	693	608	584	560	558
Hungary	135	407	501	584	598	578	562	554	NA
Poland	408	863	1,743	2,168	1,576	1,379	1,397	1,420	NA
Romania	57	240	419	451	455	479	469	418	NA
Other									
China	708	568	725	760	715	787	791	789	791
Cuba ^b	NA	7	40	65	81	80	NA	NA	NA

^a Including traffic by state automotive transport organizations and by cooperatives; branch enterprises; and transport units of industries, plants, offices, and the like.

^b State transport only.

Table 178

Inland Water Freight

Billion metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	123.00	229.21	265.16	334.25	339.44	318.48	331.02	356.25	334.88
European Community									
France	10.77	14.18	11.90	12.15	11.07	10.19	9.45	8.90	NA
Netherlands	20.02	30.74	29.60	33.48	31.79	31.39	32.30	33.59	NA
West Germany	40.39	48.81	47.56	51.44	50.00	49.40	49.09	52.00	NA
Communist countries									
USSR and Eastern Europe	107	186	235	260	271	277	287	280	NA
USSR	99.60	173.98	221.71	244.90	255.60	262.40	273.20	264.30	261.60
Eastern Europe	7.67	11.9	12.8	14.9	15.2	14.5	14.2	15.4	NA
Bulgaria	0.62	1.83	2.39	2.61	2.54	2.54	2.33	2.64	2.04
Czechoslovakia	1.96	2.43	2.58	3.59	3.81	3.78	3.92	4.40	NA
East Germany	2.25	2.36	2.36	2.16	2.36	2.29	2.42	2.64	2.84
Hungary	1.08	1.60	1.47	1.87	2.10	1.73	1.74	1.81	NA
Poland	0.90	2.36	1.95	2.33	1.91	1.57	1.45	1.44	1.41
Romania	0.86	1.35	2.08	2.35	2.44	2.56	2.30	2.50	NA

^a Internal, intraport, and local water traffic, excluding Great Lakes traffic. For 1984, coastwise and foreign trade traffic within US waters together amounted to 106 billion metric ton-kilometers. In the same year, traffic on the Great Lakes amounted to 73 billion metric ton-kilometers of domestic trade and 47 billion metric ton-kilometers of US foreign trade.

Table 179
Inland Water Freight

Million metric tons carried

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	358.56	502.22	528.17	570.77	556.94	518.05	523.43	550.39	517.40
European Community									
France	68.05	110.35	94.58	92.20	83.57	76.41	71.95	68.89	NA
Netherlands	149.67	241.44	235.80	269.27	253.80	241.13	247.23	256.85	NA
West Germany	171.36	240.00	227.30	240.98	231.72	221.90	223.94	236.48	NA
Communist countries									
USSR and Eastern Europe	235	395	524	638	661	669	673	692	NA
USSR	210.32	357.80	475.50	568.10	594.50	604.50	606.70	619.10	632.00
Eastern Europe	24.9	36.8	48.7	69.81	66.9	64.5	66.2	72.9	NA
Bulgaria	1.56	3.69	4.41	4.94	5.05	4.98	4.78	4.90	4.00
Czechoslovakia	3.53	4.46	5.65	10.46	11.09	11.39	11.90	13.40	13.30
East Germany	12.63	13.66	14.59	16.30	16.60	16.83	17.47	18.70	16.20
Hungary	2.30	2.78	3.04	3.52	3.53	3.42	3.23	3.25	NA
Poland	2.95	8.84	14.89	22.25	16.57	13.71	14.28	15.45	14.54
Romania	1.91	3.40	6.10	12.34	14.04	14.20	14.56	17.20	NA
Other									
Cuba ^b	NA	0.93 ^c	4.83 ^d	5.25 ^d	4.66 ^d	4.67 ^d	NA	NA	NA

^a Internal, intraport, and local water traffic, excluding Great Lakes traffic.

^c Transported by Flota Propia.

^d Transported by Flota Propia and companion boats.

^b Coastal freight.

Table 180
Ocean Freight ^a

Billion metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
Communist countries									
USSR and Eastern Europe	189	922	1,150	1,340	1,310	1,250	1,340	1,380	NA
USSR ^b	131.5	656.1	736.3	848.2	853.5	834.5	891.7	933.0	904.4
Eastern Europe	57.7	266	410	491	458	417	444	449	NA
Bulgaria ^c	2.5	38.9	42.2	62.5	63.4	59.1	61.2	60.5	56.5
Czechoslovakia	7.5	10.5	12.0	12.4	12.3	14.1	13.6	14.1	NA
East Germany ^c	10.5	69.7	79.7	70.7	71.1	55.7	65.3	66.0	69.9
Hungary ^d	1.3	2.7	4.0	7.6	8.2	7.9	8.0	9.2	8.7
Poland ^{c e}	34.8	106.6	206.1	257.4	217.5	191.7	197.1	193.4	177.8
Romania	1.1	37.5	66.3	80.3	85.4	88.1	98.3	106.1	NA

^a Unless otherwise indicated, data are for international shipping and include the performance of ships of less than 1,000 gross register tons.

^b Including Caspian Sea, Danube River, and domestic coastal and intercoastal traffic.

^c Including coastal traffic.

^d Including Danube River traffic.

^e Possibly excluding the performance of some ships flying the Polish flag but under control of the Chinese-Polish Shipbrokers Corporation.

Table 181
Air Passengers

Billion passenger-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	62.5	212.0	262.0	405.9	391.4	404.3	423.8	465.9	505.1
Canada	4.3	15.4	25.0	36.2	34.4	32.3	31.5	34.2	39.9
Japan	1.1	15.0	30.1	50.9	55.4	55.4	55.6	61.1	NA
European Community									
France	5.2	13.6	23.3	34.1	36.5	37.6	38.3	38.5	39.4
United Kingdom	7.3	19.0	30.2	56.1	56.6	49.2	49.7	50.4	58.9
Communist countries									
USSR	12.1	78.2	122.6	160.6	171.7	172.5	176.8	184.0	188.4

^a Revenue passenger-kilometers flown on scheduled service of certificated route air carriers.

Table 182
Air Freight ^a

Million metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	1,377	7,277	8,603	10,359	10,291	9,963	10,755	11,983	11,361
Canada	66	425	628	823	839	912	990	1,126	1,163
Japan	24	426	920 ^c	1,976 ^d	2,225 ^d	2,340 ^d	2,655 ^d	2,941 ^d	NA
European Community									
France	152	542	1,086	2,093	2,239	2,298	2,597	2,894	2,934
Netherlands	117	393	617	996	1,100	1,086	1,245	1,456	1,485
United Kingdom	181	617	933	1,544 ^e	1,713 ^e	1,382 ^e	1,528 ^e	1,858 ^e	1,927 ^e
West Germany	41	523	974	1,584	1,584	1,688	2,042	2,345	2,498
Communist countries									
USSR	563	1,877	2,590	3,090	3,080	3,030	3,190	3,280	3,350

^a Express, freight, and mail traffic.

^b Revenue ton-kilometers flown on scheduled service of certificated route air carriers.

^c Japan Air Lines data only.

^d Japan Air Lines and Japan-Asia Airways.

^e Excluding airlines based in the UK territories and dependencies.

Table 183
Civil Aircraft Inventory ^a

Units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
United States ^b									
Jet	202	2,136	2,114	2,469	2,465	2,504	2,691	2,724	NA
Turboprop	227	374	260	267	331	159	204	185	NA
Piston	1,408	153	114	77	79	79	78	51	NA
USSR ^c									
Jet	191	425	1,080	1,855	1,753	1,796	1,830	1,995	2,015
Turboprop	174	1,238	1,500	1,925	1,710	1,700	1,655	1,515	1,600

^a Data exclude light aircraft. No attempt has been made to standardize comparisons of the US and Soviet aircraft inventories in terms of capacity for passenger-cargo carrying and/or range capability.

^b Large aircraft only. Data for commuters and all cargo operators not available prior to 1980. This data refers to certificate route carriers, supplementals, and commercial operators.

^c Data basically represent the inventory of Aeroflot—the Soviet civil airline.

Table 184
Petroleum Pipelines

Billion metric ton-kilometers

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States	333.8	629.2	740.2	858.5	823.4	826.3	811.7	829.3	816.8
Communist countries									
USSR and Eastern Europe	NA	300	693	1,260	1,300	NA	NA	1,410	NA
USSR	51.2	281.7	665.9	1,216.0	1,263.2	1,306.8	1,353.1	1,370.3	1,312.6
Eastern Europe	NA	18.1	26.7	40.8	38.6	NA	NA	38.5	NA
Bulgaria	0	0	0	0.8	1.0	1.1	1.1	0.9	NA
Czechoslovakia	NA	6.4	4.4	10.3	10.1	NA	NA	8.9	NA
East Germany	0	2.2	4.3	5.0	4.8	4.7	4.3	4.3	NA
Hungary	0.1	0.7	2.5	2.4	2.2	2.0	1.9	2.1	NA
Poland	NA	7.0	12.7	17.1	16.3	16.6	17.5	17.8	17.0
Romania	1.0	1.8	2.8	5.2	4.2	3.7	4.4	4.5	NA

Table 185
Petroleum Pipelines

Million metric tons carried

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^a	414.7	784.6	982.6	1,020.0	978.4	981.9	964.6	983.7	964.0
Communist countries									
USSR and Eastern Europe	NA	400	603	772	783	787	797	799	NA
USSR	129.9	337.9	496.8	626.9	634.0	640.9	648.7	648.0	631.0
Eastern Europe	NA	61.8	106	145	149	146	149	151	NA
Bulgaria	0	0	0	3.1	16.3	16.5	15.6	20.1	NA
Czechoslovakia	NA	13.4 ^b	14.9 ^b	21.5	20.7	19.2	19.1	16.5	NA
East Germany	0	15.4	32.1	41.6	39.4	38.8	39.3	37.3	NA
Hungary	1.2	6.3	13.8	15.8	16.5	16.5	16.0	16.7	NA
Poland	NA	15.4	30.5	40.7	35.8	36.7	39.3	39.8	38.7
Romania	5.6	11.3	14.5	22.5	20.4	18.1	19.3	20.6	NA

^a Data are for tons originated, thus giving a more realistic comparison with the Communist countries.

^b Crude petroleum only.

Table 186
Mainline Locomotive Inventory ^a Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984
OECD								
United States ^b	31.18	29.12	30.20	28.86	27.57 ^c	26.92 ^c	25.50 ^c	24.30 ^c
Canada	3.75	3.42	3.98	4.17	4.15	3.76	3.62	NA
Austria	1.48	1.20	1.19	1.22	1.22	1.21	1.21	1.22
Spain	3.64	1.70	1.14	1.21	1.22	1.23	1.30	1.38
Sweden	1.88	1.58	1.42	1.38	1.29	1.29	1.29	1.26
Switzerland	1.10	1.33	1.42	1.45	1.45	1.45	1.43	1.43
European Community	43.0	25.0	23.8	23.0	22.9	22.8	22.3	NA
France	7.96	6.07	5.98	6.06	6.06	6.04	5.99	5.90
Italy	5.28	3.58	3.63	3.72	3.82	3.84	3.71	NA
United Kingdom	16.05	4.45	3.86	3.53	3.33	3.23	3.06	2.92
West Germany	10.44	8.05	7.65	7.10	7.09	7.02	6.85	6.68
Communist countries								
USSR and Eastern Europe	55.8	47.8	58.0	68.2	67.9	NA	NA	NA
USSR	34.00	28.90	37.13	45.95	49.05	50.60	NA	NA
Eastern Europe	21.8	18.8	20.9	22.3	18.8	NA	NA	20.3
Bulgaria	0.64	0.68	0.64	0.80	0.87	0.90	NA	0.96
Czechoslovakia	5.23	4.60	4.98	4.27	4.24	NA	NA	4.64 ^d
East Germany	6.00	5.00	5.92	5.62	5.50	5.52	NA	5.82
Hungary	2.46	2.00	1.92	2.40	1.30 ^d	1.70 ^d	NA	1.69 ^d
Poland	5.80	5.07	5.52	7.51	5.17	5.13	5.17	5.20
Romania	1.72	1.50	1.88	1.70 ^d	1.73 ^d	2.00 ^d	NA	1.97
Other								
China	5.60	6.53	8.63	10.56	10.86	11.25	11.73	12.29
North Korea	0.35	0.49	0.67	0.87	0.93	1.00	1.07	NA

^a Unless otherwise indicated, data are for the state or principal railroad system and include diesel, diesel-electric, steam, and electric locomotives. Data are as of the end of the year.

^b Data are for secondary or private railroads operating as common carriers and include gas turbine locomotives.

^c Class I locomotives only.

^d Does not include steam locomotives.

Table 187

Railroad Freight Car Inventory ^a

Thousand units

	1960	1965	1970	1975	1980	1981	1982	1983	1984
OECD									
United States ^{b c}	1,945.7	1,806.2	1,803.7	1,755.5	1,741.7	1,702.7	1,616.1	1,570.0	1,513.0
European Community									
France	362.6	362.3	302.4	283.9	253.1	250.5	245.9	239.8	233.8
United Kingdom ^{c d}	956.0	605.6	383.9	239.7	137.6	105.2	87.9	69.8	59.5
West Germany	309.6	329.5	321.0	335.1	334.2	335.1	327.0	316.7	311.5
Communist countries									
USSR and Eastern Europe									
USSR	949.0	1,130.0	1,194.0	1,489.0	1,785.0	1,838.0	1,887.0	1,937.0	NA
Eastern Europe									
Bulgaria	22.0	33.0	37.8	43.0	NA	22.9	22.9	NA	22.9
Czechoslovakia	129.3	136.1	135.8	136.0	150.1	NA	NA	NA	200.0
East Germany	154.3	152.0	150.0	141.8	153.0	166.5	149.2	NA	156.0
Hungary	62.0	73.4	71.4	88.9	131.7	76.7	76.4	NA	74.4
Poland	249.0	263.9	274.3	305.0	194.9 ^e	169.2 ^e	168.7 ^e	172.1 ^e	168.5 ^e
Romania	55.5	68.6	86.0	95.0	NA	89.3	89.3	NA	89.6
Other									
China ^f	132.0	143.0	175.0	237.0	290.4	296.3	303.9	316.6	332.5
North Korea ^f	10.4	15.2	18.0	21.0	26.0	28.0	32.0	32.0	NA

^a Units of two, four, or more axles. Unless otherwise indicated, data refer to both state and private ownership of cars used on the state or principal railroad system. Data are as of the end of the year. Because of the lack of comparability in data, totals for the OECD and the Communist countries are omitted.

^b Units of four or more axles.

^c Including secondary or private railroads operating as common carriers.

^d Excluding privately owned tank cars and including data for Northern Ireland.

^e PKP railroad cars only.

^f The majority are four-axle units.

Table 188
Civilian Truck Inventory ^a
Thousand units

	1960	1970	1975	1980	1981	1982	1983	1984	1985
OECD									
United States ^b	11,329	17,843	24,612	32,238	33,043	33,822	35,086	36,548	37,748
European Community									
France ^c	1,598	2,678	2,078	2,642	2,759	2,871	2,941	3,001	NA
United Kingdom ^d	1,442	1,768	1,677	1,919	1,885	1,849	1,701	1,717	NA
West Germany ^e	688	1,141	1,281	1,500	1,540	1,534	1,532	1,544	NA
Communist countries									
USSR and Eastern Europe	3,750	5,925	NA	NA	NA	NA	NA	NA	NA
USSR	3,140	4,700	7,000	10,774	11,549	12,380	NA	NA	NA
Eastern Europe	614	1,225	NA	NA	NA	NA	NA	NA	NA
Bulgaria	68	115	NA	NA	NA	NA	NA	NA	NA
Czechoslovakia	117	198	261	340	354	358	363	378	NA
East Germany	217	423	513	579	589	590	587	593	NA
Hungary	29	74	94	111	117	119	130	142	151
Poland	130	274	425	618	641	616	655	732	NA
Romania	53	139	150	NA	NA	NA	NA	NA	NA
Other									
China ^f	154	434	914	1,560	1,481	1,548	1,635	1,828	2,142
North Korea ^f	11	54	116	195	200	205	210	215	NA

^a Unless otherwise indicated, data are as of the end of the year and include wheeled tractors for road haulage and exclude military trucks of all types.

^b Data are for the number of registrations of privately owned trucks and include duplications when trucks are registered in more than one state.

^d Including data for Northern Ireland. Data are as of 1 October of the stated year.

^e As of 1 July of the stated year.

^c Beginning in 1975, only trucks less than 10 years old are being counted.

^f Including both military and civilian trucks.

Table 189

Offloading Ports Accessible to Fully Loaded Tankers
of 200,000 Deadweight Tons and Larger, January 1986

		Largest Loaded Tanker Accommodated (<i>Thousand DWT</i>)	Port	Largest Loaded Tanker Accommodated (<i>Thousand DWT</i>)
OECD				
Australia	Port Walcutt	260		
Canada	Come by Chance	500		
	Point Tupper	357		
	Saint John, New Brunswick	350		
France	Antifer	555		
	Marseilles/Fos	500		
	Bordeaux	350		
	Dunkirk	300		
	Sete	290		
	Le Havre	250		
	Donges	240		
Finland	Porvoo	230		
Greece	Megara	540		
	Perdres	400		
	Kali Lemenes (Crete)	315		
	Aghii Theodori	280		
Ireland	Bantry Bay	500		
Italy	Genoa	500		
	Augusta (Sicily)	400		
	Syracuse (Sicily)	400		
	Milazzo (Sicily)	330		
	Ancona	300		
	Falconara	300		
	Fiumicino	300		
	Savona/Vado	300		
	Ravenna	265		
	Gaeta	260		
	Sarroc/Cagliari (Sardinia)	260		
	Taranto	260		
OECD (continued)				
	Italy (cont.)		Porto Torres (Sardinia)	250
	Japan		Kagoshima (Kii-re)	500
			Kin Wan (Chimu Wan)	500
			Okinawa	500
			Toma Komai	286
			Oita	273
			Kawasaki	270
			Tokuyama	270
			Yokaichi	270
			Yokohama	270
			Himeji	258
			Nagoya	255
			Chiba	254
			Kashima	253
			Nakagusuku	250
			Shimizu	250
			Shimotsu	250
			Ube	250
			Mizushima	230
			Nishihaka	230
			Osaka	230
			Owase	210
			Fukuyama	200
	Netherlands		Rotterdam/Europoort	600
	Norway		Narvik	400
			Mongstad	300
			Slagenstangen (Oslo)	260
	Portugal		Sines	500
	Spain		Bilbao	500

Table 189 (continued)
Offloading Ports Accessible to Fully Loaded Tankers
of 200,000 Deadweight Tons and Larger, January 1986

Port		Largest Loaded Tanker Accommodated (<i>Thousand DWT</i>)	Port		Largest Loaded Tanker Accommodated (<i>Thousand DWT</i>)
OECD (continued)					
Spain (cont.)	Tarragona	325	Other countries (continued)	Ilha Grande Bay	500
	Malaga	300		Sao Sebastiao	300
	Cartagena	274		Itaqui	280
	Algeciras	250		Sao Francisco do Sul Brazil	200
Las Palmas (Canary Islands)	250	Tramandai		200	
Teneriffe (Canary Islands)	240	Quintero Bay		210	
Sweden	Brofjorden	500		Santa Marta	400
	Goteborg	250		Eilat	500
Turkey	Izmit/Tutunciftlik	285		Ashkelon	250
United Kingdom	Anglesey	750		Bintulu	320
	Sullom Voe	350		Kerten Port	250
	Finnart	330		Aruba	550
	Coryton	320		Bonaire	550
	Milford Haven	300		Curacao/Bullen Bay	530
	Isle of Grain	280		Puerto Armuelles	265
	Liverpool	280		Batangas	300
	Shellhaven (Thameshaven)	250	Singapore	325	
	Humber River	225	Durban	320	
	L.O.O.P.	700	Ulsan	300	
United States	Pauloboro	280	China (Taiwan)	Kaohsiung	250
	Riverhead, L.I.	250	Keelung	250	
	Wilhelmshafen	300	Shalung	250	
West Germany	Brunsbüttel	280	Trinidad	Point-a-Pierre	270
	Hamburg	200	Galeota Point	250	
			Yugoslavia	Omishal	350
Other countries				Split	200
Bahamas	Freeport	500	Windward Islands	Castries/St. Lucia	250
	South Riding Point	450			

Table 190

	1965	1970		1975		1980		1984		1985		
	<i>Number</i>	<i>Thousand</i>	<i>Number</i>	<i>Thousand</i>	<i>Number</i>	<i>Thousand</i>	<i>Number</i>	<i>Thousand</i>	<i>Number</i>	<i>Thousand</i>	<i>Number</i>	
	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	<i>DWT</i>	
World total	17,825	214,069	19,503	325,149	22,353	556,388	23,855	638,080	24,669	646,889	25,010	641,093
Non-Communist countries	16,243	202,277	17,020	303,720	19,222	523,247	20,035	590,670	20,442	589,182	20,685	579,558
OECD	12,440	148,453	12,164	208,962	11,286	316,611	10,971	323,208	9,173	274,404	8,632	247,302
Non-European Community	6,573	80,586	6,291	109,801	5,341	158,533	4,556	145,347	4,280	137,166	4,104	125,059
United States ^b	2,376	28,283	1,579	21,346	857	17,694	568	20,169	503	20,811	503	20,811
Japan	1,333	16,450	2,109	39,142	2,051	63,238	1,843	57,322	1,695	58,201	1,675	57,541
Norway	1,365	23,538	1,173	32,374	991	47,796	613	36,789	490	26,912	402	18,202
Sweden	443	5,643	366	6,898	324	12,723	258	6,378	232	3,983	212	3,705
Other	1,056	6,672	1,064	10,041	1,118	17,082	1,274	24,689	1,360	27,259	1,312	24,800
European Community	5,867	67,867	5,873	99,161	5,945	158,078	6,415	177,861	4,893	137,238	4,528	122,243
France	542	6,406	457	9,007	444	17,690	354	20,327	293	14,060	273	11,911
Greece ^c	916	10,388	1,195	18,214	1,804	37,638	2,835	67,067	2,020	59,519	1,681	51,457
Italy	588	6,917	625	9,803	633	16,081	647	17,331	598	14,391	585	11,850
United Kingdom	2,052	26,385	1,772	37,065	1,576	54,913	1,313	45,386	699	24,338	667	24,274
West Germany	843	7,184	993	11,697	611	13,453	470	11,630	455	7,831	505	6,866
Other	926	10,587	831	13,375	877	18,303	796	16,120	828	17,099	817	15,885
Non-OECD countries	3,803	53,824	4,856	94,758	7,936	206,636	9,064	267,462	11,269	314,778	12,053	332,256
Flag of Convenience	1,898	38,341	2,686	72,065	4,675	159,568	4,863	189,477	5,814	196,522	5,859	192,885
Cyprus	21	207	217	1,933	573	4,762	347	2,212	573	12,084	721	15,626
Liberia	1,313	30,906	1,840	60,992	2,546	132,694	2,191	150,058	1,832	120,860	1,688	109,993
Panama	564	7,228	629	9,140	1,556	22,112	2,325	37,207	3,409	63,578	3,450	67,266
Other countries	1,905	15,483	2,170	22,693	3,261	47,068	4,201	77,985	5,455	118,256	6,194	139,371
Brazil	227	1,590	201	2,017	260	4,546	278	7,681	321	9,467	326	10,047
India	210	2,266	242	3,709	308	6,943	365	9,359	374	10,469	359	10,672
Malaysia/Singapore	8	19	99	643	429	8,118	651	12,571	644	13,466	616	13,173
Other	1,460	11,608	1,628	16,324	2,264	27,461	2,907	48,374	4,116	84,834	4,893	105,479

Table 190 (continued)
Merchant Fleet Inventory ^a

	1965		1970		1975		1980		1984		1985	
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
Communist countries	1,582	11,792	2,483	21,429	3,131	33,141	3,820	47,410	4,227	57,707	4,325	61,535
USSR and Eastern Europe	1,171	9,462	1,939	16,845	2,290	23,337	2,527	30,144	2,551	33,098	2,573	34,119
USSR ^d	985	7,961	1,395	11,921	1,622	15,044	1,725	18,919	1,757	21,150	1,757	21,150
Eastern Europe	186	1,501	544	4,924	668	8,293	802	11,225	794	11,948	816	12,968
Bulgaria ^e	60	548	106	948	110	1,228	103	1,617	105	1,784	108	1,821
Czechoslovakia ^f	9	105	12	138	14	221	16	227	19	275	19	274
East Germany	60	550	130	1,310	146	1,729	158	1,864	150	1,704	148	1,645
Hungary	17	23	16	28	16	67	22	114	19	107	19	107
Poland ^g	10	105	230	2,000	289	3,866	312	4,705	267	4,145	266	4,692
Romania	30	170	50	500	93	1,182	191	2,698	234	3,933	256	4,429
Other	411	2,330	544	4,584	841	9,804	1,293	17,266	1,676	24,609	1,752	27,416
Albania ^h	8	44	11	72	11	72	10	74	11	53	11	77
China	190	1,075	269	1,944	495	6,082	870	11,800	1,202	18,173	1,271	20,763
Cuba	31	203	53	428	64	581	78	893	93	991	96	1,004
Yugoslavia	180	1,000	200	2,100	229	2,826	262	3,785	265	4,216	262	4,340
Other ⁱ	2	8	11	40	42	243	73	714	105	1,176	112	1,232

^a Ships of 1,000 gross register tons (GRT) or more. Data are as of the end of the year. Data for the non-Communist countries include all combination passenger and cargo ships, whereas, unless otherwise indicated, those for the Communist countries exclude passenger ships that have small cargo capacities.

^b Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^c Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^d Excluding the Caspian Sea Fleet passenger ships and vessels subordinate to the Ministry of the Fishing Industry.

^e Before August 1968, a few additional Bulgarian-owned ships were operated under the flags of non-Communist countries.

^f Until March 1967, an undetermined number of Czechoslovak-flag ships were jointly owned with China.

^g Including some ships flying the Polish flag but under the control of the Chinese-Polish Shipbrokers Corporation. At the end of 1985, there were 13 of these ships.

^h Data include a number of ships jointly owned by the Chinese-Albanian Joint Stock Shipping Company.

ⁱ Including North Korean and Vietnamese vessels.

Table 191
Tanker Fleet Inventory ^a

	1965	1970		1975		1980		1984		1985		
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
World total	3,533	89,576	4,119	152,450	5,177	301,667	5,439	379,870	5,574	337,983	5,473	313,457
Non-Communist countries	3,290	85,629	3,759	146,555	4,736	292,241	4,910	366,529	4,976	324,210	4,859	299,183
OECD	2,350	58,883	2,528	96,952	2,917	173,746	2,855	197,426	2,497	156,491	2,329	136,212
Non-European Community	1,274	32,365	1,328	48,690	1,469	88,179	1,450	97,251	1,349	85,902	1,255	74,424
United States ^b	341	7,561	294	7,739	267	9,711	273	15,024	247	15,783	233	15,385
Japan	236	6,965	368	16,036	531	33,950	567	34,486	493	31,541	482	29,636
Norway	467	13,599	363	17,351	332	28,467	273	28,899	247	20,922	191	13,990
Sweden	73	2,098	80	2,887	79	6,524	69	4,087	70	2,151	64	2,049
Other	157	2,142	223	4,677	260	9,527	268	14,755	292	15,505	285	13,364
European Community	1,076	26,518	1,200	48,262	1,448	85,567	1,405	100,175	1,148	70,589	1,074	61,788
France	157	3,682	135	5,799	154	13,190	120	16,632	90	10,280	83	8,432
Greece ^c	129	2,970	216	7,714	345	15,557	422	27,997	315	24,751	261	21,220
Italy	143	2,872	198	4,585	236	7,953	247	11,758	233	9,234	224	6,689
United Kingdom	441	11,562	434	20,863	459	32,869	426	30,733	266	15,341	263	16,157
West Germany	48	1,295	59	2,956	83	5,627	67	5,353	89	3,115	86	2,207
Other	158	4,137	158	6,345	171	10,371	123	7,702	155	7,868	157	7,083
Non-OECD countries	940	26,746	1,231	49,603	1,819	118,495	2,055	169,103	2,479	167,719	2,530	162,971
Flag of Convenience	686	23,310	916	42,708	1,299	100,554	1,252	130,445	1,368	114,762	1,376	107,947
Cyprus	1	13	13	214	47	860	21	194	76	6,302	102	7,421
Liberia	534	19,018	730	36,802	1,014	89,470	943	116,018	761	87,343	701	77,991
Panama	151	4,279	173	5,692	238	10,224	288	14,233	531	21,117	573	22,535
OPEC	38	571	42	1,315	82	4,245	206	12,740	305	15,228	320	14,843
Iraq	0	0	0	0	10	380	22	2,164	18	1,415	18	1,384
Kuwait	3	161	6	787	7	1,150	22	2,613	31	2,505	34	3,330
Libya	0	0	0	0	5	410	14	1,506	12	1,413	12	1,348
Venezuela	14	284	16	372	15	440	13	409	24	876	22	800
Other	21	126	20	156	45	1,865	135	6,047	220	9,019	234	7,981
Other Non-OPEC	216	2,865	273	5,580	438	13,696	597	25,918	806	37,729	834	40,181
Brazil	46	604	45	810	53	944	74	5,032	89	5,454	94	5,739
India	8	217	13	510	25	1,510	47	3,467	62	4,086	68	4,397
Other	162	2,044	215	4,260	360	11,242	476	17,419	655	28,189	672	30,045

Table 191 (continued)
Tanker Fleet Inventory ^a

	1965		1970		1975		1980		1984		1985	
	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT	Number	Thousand DWT
Communist countries	243	3,947	360	5,895	441	9,426	529	13,341	598	13,773	614	14,274
USSR and Eastern Europe	212	3,562	301	5,108	331	6,975	361	10,081	400	10,225	400	10,154
USSR ^d	184	3,125	265	4,389	280	4,796	310	7,537	359	8,274	361	8,266
Eastern Europe	28	437	36	719	51	2,179	51	2,544	41	1,951	39	1,888
Bulgaria	11	160	18	267	20	472	18	549	15	506	15	506
East Germany	10	144	9	288	16	612	12	427	9	225	7	162
Poland	5	95	5	95	8	665	13	982	9	538	9	538
Romania	2	38	4	69	7	430	8	586	8	682	8	682
Other	31	385	59	787	110	2,451	168	3,260	198	3,548	214	4,120
China	19	135	38	375	80	1,916	132	2,513	165	2,640	180	3,103
Cuba	2	5	3	26	6	75	11	111	13	116	13	116
Yugoslavia	10	245	15	380	14	378	13	434	10	417	11	526
Other ^e	0	0	3	6	10	82	12	202	10	375	10	375

^a Tankers and whaling tankers of 1,000 gross registered tons (GRT) or more. Data are as of the end of the year and include specialized oil and chemical tankers and some combination carriers (oil/dry bulk carriers). For the purposes of this table, the tonnage is converted to deadweight (DWT).

^b Excluding ships operating only on the Great Lakes and US-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

^d Excluding the Caspian Sea Fleet and tankers assigned to the Ministry of the Fishing Industry.

^e Including North Korean and Vietnamese vessels.

^c Excluding Greek-owned ships flying the Liberian, Panamanian, and other "flags of convenience."

Table 192
Fishing Fleet Inventory ^a

	1970	1975		1980		1983		1984		1985		
	Number	Thousand GRT ^b	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT	Number	Thousand GRT
OECD												
United States	201	74	1,743	398	2,537	524	3,152	643	3,137	627	3,163	638
Japan	2,386	978	3,149	1,217	2,989	1,107	3,003	1,096	2,958	1,090	2,917	1,080
Norway	635	182	621	211	715	240	629	224	615	225	589	210
Spain	1,364	433	1,744	550	1,776	558	1,611	506	1,563	492	1,534	488
European Community	2,140	760	2,460	899	2,298	731	2,190	652	2,228	670	2,114	631
France	660	195	620	200	514	170	480	159	483	159	481	160
Netherlands	284	57	392	93	386	94	393	101	436	125	432	129
United Kingdom	577	235	618	236	516	169	372	103	340	94	324	86
West Germany	182	147	147	145	136	117	107	77	126	82	115	67
Communist countries												
USSR and Eastern Europe	3,428	4,442	4,717	6,563	5,179	7,497	4,648	7,407	4,168	7,123	4,182	7,270
USSR	3,055	3,997	4,219	5,937	4,564	6,678	4,063	6,607	3,597	6,329	3,628	6,483
Eastern Europe	373	445	498	626	615	819	585	800	571	794	554	787
Bulgaria	17	55	34	94	40	110	39	108	39	108	39	106
East Germany	172	136	164	147	171	173	149	163	139	154	139	154
Poland	176	231	270	282	357	354	338	319	331	308	325	307
Romania	8	23	30	103	47	182	59	210	62	224	51	220
Other												
Cuba	167	66	181	81	264	172	265	168	265	168	265	168
Yugoslavia	3	1	3	1	8	3	13	2	13	2	13	2

^a Data are as of midyear.

^b Gross register tons; excluding ships under 100 GRT.

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Conversion Factors

To Convert From	To	Multiply By
Acres	Hectares	0.4046856
Acres	Kilometers, square	0.004046856
Acres	Meters, square	4046.856
Centimeters	Meters	0.01
Centimeters, square	Meters, square	0.0001
Degrees, Fahrenheit	Degrees, Celsius	subtract 32 and multiply by 5/9
Feet	Centimeters	30.48
Feet	Meters	0.3048
Feet	Kilometers	0.0003048
Feet, cubic	Liters	28.316847
Feet, cubic	Meters, cubic	0.028316847
Feet, square	Centimeters, square	929.0304
Feet, square	Meters, square	0.09290304
Gallons, US liquid	Liters	3.785412
Gallons, US liquid	Meters, cubic	0.003785412
Grams	Ounces, troy	0.032151
Grams	Pounds, troy	0.002679
Hectares	Kilometers, square	0.01
Hectares	Meters, square	10,000
Inches	Centimeters	2.54
Inches	Meters	0.0254
Inches, cubic	Milliliters	16.387064
Inches, cubic	Liters	0.016387064
Inches, cubic	Meters, cubic	0.000016387064
Inches, square	Centimeters, square	6.4516
Inches, square	Meters, square	0.00064516
Kilograms	Ounces, troy	32.15075
Kilograms	Pounds, troy	2.679229
Kilograms	Tons, metric	0.001
Kilometers, square	Hectares	100
Liters	Milliliters	1000
Liters	Meters, cubic	0.001
Meters	Millimeters	1000
Meters	Centimeters	100
Meters	Kilometers	0.001
Meters, cubic	Liters	1000

To Convert From	To	Multiply By
Meters, cubic	Tons, register	0.353147
Miles, nautical	Kilometers	1.852
Miles, statute	Centimeters	160934.4
Miles, statute	Meters	1609.344
Miles, statute	Kilometers	1.609344
Miles, square	Hectares	258.9998
Miles, square	Kilometers, square	2.589998
Ounces, avoirdupois	Grams	28.349523
Ounces, avoirdupois	Kilograms	0.028349523
Ounces, troy	Pounds, troy	0.083333
Ounces, troy	Grams	31.10348
Pints, liquid	Milliliters	473.176473
Pints, liquid	Liters	0.473176473
Pounds, avoirdupois	Grams	453.59237
Pounds, avoirdupois	Kilograms	0.45359237
Pounds, avoirdupois	Quintals	0.00453592
Pounds, avoirdupois	Tons, metric	0.000453592
Pounds, troy	Ounces, troy	12
Pounds, troy	Grams	373.241722
Quarts, dry	Liters	1.101221
Quarts, dry	Dekaliters	0.1101221
Quarts, liquid	Milliliters	946.352946
Quarts, liquid	Liters	0.946352946
Quintals	Tons, metric	0.1
Tons, long	Kilograms	1016.047
Tons, long	Tons, metric	1.016047
Tons, metric	Quintals	10
Ton-miles, long	Ton-kilometers, metric	1.635169
Ton-miles, short	Ton-kilometers, metric	1.459972
Tons, register	Meters, cubic	2.831685
Tons, short	Kilograms	907.185
Tons, short	Tons, metric	0.907185
Yards	Centimeters	91.44
Yards	Meters	0.9144
Yards, cubic	Liters	764.5549
Yards, cubic	Meters, cubic	0.7645549
Yards, square	Meters, square	0.836127